THE CANADIAN WHEAT BOARD

ANNUAL REPORT 1988-89

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THE CANADIAN WHEAT BOARD

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Honourable Charles Mayer
Minister of State,
Grains and Oilseeds
Ottawa, Ontario

Winnipeg, Manitoba
March 31, 1990

Sir:

We are pleased to submit the Annual Report of the Canadian Wheat Board for the crop year ending July 31, 1989, as required by the Canadian Wheat Board Act.

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PART I
THE INTERNATIONAL GRAIN MARKET

INTRODUCTION

The 1988-89 crop year did not leave fond memories in the minds of Western Canadian grain growers. The drought of 1988 was the worst in recent memory. Dry conditions also prevailed in various grain-growing areas of the United States. Due to the drought, however, leading grain price indicators rebounded to levels that had not been seen since the mid-seventies when the combination of the energy crisis and global food shortages resulted in a widely held perception that the world was about to "starve in the dark". On the other hand, the U.S.-European Community trade war was still being fought, and this continued to have a depressing effect on actual sales values in many markets.

Canadian exports of the six major grains (including flour) and oilseeds totaled 18.2 million tonnes, a 41 per cent decrease over the previous year's 30.7 million tonnes. As a result, Canada's share of the international grain market fell markedly.

The combination of drought in Canada, dry conditions and reduced acreage in the United States, resulted in a significant drop in 1988-89 wheat and coarse grains production. For the second year in a row, world grain consumption was greater than production. Concerns over grain surpluses, which had been a major concern throughout the decade, shifted to concerns about tight supplies and dwindling carryover. World wheat trade fell during 1988-89 from the previous year, but was still hovering at 10-year-average levels. Trade in coarse grains, however, was significantly greater than in the previous year. The drop in wheat and coarse grains production resulted in a significant drop in world carryover stocks at the end of 1988-89.

WHEAT

Production

World wheat production fell in 1988-89 to 502.3 million tonnes, compared to 510.4 million tonnes in 1987-88.

TABLE 1
WORLD WHEAT PRODUCTION

	1988 [1]	1987
	(Millions of Tonnes)	
EUROPE	122.1	114.2
EEC [2]	75.0	71.6
Others	47.1	42.6
U.S.S.R.	84.5	83.3
NORTH & CENTRAL AMERICA	68.5	87.6
U.S.A.	49.3	57.3
Canada	16.0	25.9
Others	3.3	3.8
SOUTH AMERICA	16.5	17.5
Argentina	8.1	8.8
Brazil	5.8	6.1
Others	2.6	2.6
ASIA	151.3	150.1
China	86.4	85.8
India	45.1	45.6
Others	19.8	18.7
MIDDLE EAST	31.5	32.9
Iran	6.5	8.0
Saudi Arabia	3.0	2.8
Turkey	18.5	18.9
Others	3.5	3.2
AFRICA	13.5	12.6
Algeria	1.0	1.2
Egypt, Arab Rep. of	2.8	2.7
Morocco	4.0	2.4
South Africa	3.5	3.1
Others	2.2	3.2
OCEANIA	14.3	12.7
Australia	14.1	12.4
Others	.2	.3
WORLD TOTAL [3]	502.3	510.4

1 Preliminary: Subject to Revision
2 Twelve Member States
3 Totals may not add due to rounding
Source: For Canada – Statistics Canada
For all other countries – IWC Market Report, November 1989

World wheat production was lower than consumption for the second year in a row.

Smaller wheat crops in Canada and the U.S. are the main reason for the decrease in 1988-89 world wheat production. Canadian wheat production fell 38 per cent to 16 million tonnes. United States wheat production fell 14 per cent to 49.3 million tonnes. Increased production of wheat in Eastern and Western Europe offset some of the decline in North American production.

In 1988-89 the U.S.S.R. and China, the world's largest wheat producers, both had small increases in production.

Trade

World wheat trade (including durum) fell almost nine million tonnes in 1988-89 to 97.7 million tonnes. Canadian exports fell dramatically due to reduced supplies after a drought-reduced crop was harvested. Exports from the United States were down as well, but not to the same extent. The European Community increased its wheat exports by almost one-third.

On the importing side, there was a significant decrease in imports by the U.S.S.R. This was attributed to higher quality crops in the Soviet Union than in the previous year. China, however, remained a large importer and maintained its 1988-89 imports of wheat at levels of the previous year. These countries had been targeted by the U.S. under its Export Enhancement Program (EEP) and made extensive use of it. In 1988-89, over 90 per cent of U.S. wheat sales to the U.S.S.R. and China were subsidized through the EEP program. Other than in the Far East, most importing areas showed a drop in wheat imports for 1988-89 from the previous year.

TABLE 2
EXPORTS OF WHEAT AND WHEAT FLOUR
BY PRINCIPAL EXPORTERS

	1988-89 [1]	1987-88
	(Millions of Tonnes)	
Argentina	3.2	3.8
Australia	10.9	12.2
Canada	12.4	23.5
United States	39.2	44.4
EEC [2]	19.4	14.7
Others	12.1	7.2
WORLD TOTAL	97.2	105.8

[1] Preliminary: Subject to Revision
[2] Twelve Member States
Source: For Canada – Statistics Canada and Canadian Grain Commission (August-July crop year)
For all other countries – IWC Market Report, November 1989, (July-June crop year)

Carryover Stocks

World carryover stocks of wheat continued to decline in 1988-89 with a drop of 29.3 million tonnes to 104.3 million tonnes.

Approximately half of the decrease in carryover stocks occurred in the U.S. Stocks in the EEC, Canada, China and India were also lower. Such low carryover stocks relative to consumption have not been seen since the mid-seventies. At that time such stock levels, as well as other economic factors, resulted in significantly higher wheat prices.

Price

Wheat prices began a strong rally in the spring of 1988 because of the increasing severity of the drought on the Canadian Prairies, and U.S. wheat and corn areas.

U.S. f.o.b. prices for hard red winter wheats, for example, rose to U.S.$160.02 f.o.b. per tonne in late June. Pressure of new crop deliveries softened prices to an average of around U.S.$145 f.o.b. per tonne in August. However, prices rose back up again in September to U.S.$160.66 per tonne because of good demand and recognition of a very tight North American supply situation.

There was little change to wheat prices through the winter months. U.S. prices strengthened in early May, 1989, with the announcement of a new subsidized wheat allocation to the Soviet Union and because of a severe drought in the U.S. hard red winter wheat area. However, prices began to decline again at the end of May and into June on more limited export demand, rain in the U.S. hard red winter wheat area, and the potential for a good U.S. corn crop. Again using U.S. hard red winter wheat prices as an example, prices fell from a May average of U.S.$180.98 per tonne to a September average of U.S.$166.80 per tonne.

Continued use of export subsidies by the United States and the EC kept actual prices considerably below those U.S. f.o.b. prices previously mentioned. Bonuses for

TABLE 3
WORLD WHEAT CARRYOVER STOCKS

	1989 [1]	1988
	(Millions of Tonnes)	
EUROPE (includes U.S.S.R.)	31.8	35.4
EEC [2]	13.2	15.9
Others	18.6	19.5
NORTH & CENTRAL AMERICA	24.6	42.1
U.S.A.	19.0	34.3
Canada	5.1	7.2
Others	.5	.6
SOUTH AMERICA	4.2	4.6
Brazil	3.3	3.3
Argentina	.2	.5
Others	.7	.8
ASIA	33.1	39.0
China	21.3	24.0
India	7.0	10.0
Others	4.8	5.0
MIDDLE EAST	6.1	6.2
Turkey	.6	.6
Others	5.5	5.6
AFRICA	2.7	3.7
Algeria	.2	.3
Egypt, Arab Rep. of	1.0	1.0
Morocco	.6	.2
South Africa	.2	.5
Others	.7	1.7
OCEANIA	1.8	2.6
Australia	1.8	2.6
Others	–	–
WORLD TOTAL	104.3	133.6

[1] Preliminary: Subject to Revision
[2] Twelve Member States
Source: International Wheat Council, July-June crop year

hard red winter wheat under the U.S. EEP program reached a high of U.S.$36.79 per tonne in September of 1988. EEP offers for Dark Northern Spring wheats were much more restrictive because of the tight North American supply for spring wheats. In October of 1988, U.S. government bonuses for spring wheat reached a high of U.S.$24.97 per tonne.

DURUM

Production

World production of durum in 1988-89 was 24.9 million tonnes, a 13 per cent drop from the 28.6 million tonnes in the previous year. This production setback was mainly due to severe drought in North America, as well as reduced plantings and dry weather in Italy. In Tunisia, the crop was virtually eliminated by drought. Morocco had a substantially larger crop.

Canadian durum was severely affected by drought, cutting 1988 production to half of the year before. Although planted acreage in the U.S. was the same as in the previous year, harvested acreage dropped by 15 per cent. U.S. wheat yields dropped almost 50 per cent for a production decline in 1988-89 to 1.2 million tonnes, or about half of the production of the previous year.

Although the eastern U.S.S.R. had disappointingly low yields due to dry weather, the quality of its crop was viewed as being considerably better than the previous year's crop which had suffered under a rain-affected harvest.

Trade

For 1988-89 world trade in durum was down nine per cent to 4.9 million tonnes from 5.4 million tonnes in the previous year. Algeria, the largest importer of durum, was normally supplied by Canada and the United States. However, the European Community, mainly through Italian intervention stocks, provided Algeria with the bulk of its durum requirements. Due to lower production in North America, EC durum exports to third world countries more than doubled over the previous year. The U.S.S.R., another large importer, was a large purchaser but at lower levels than in the previous year.

Carryover

In spite of substantially lower production in 1988-89, Canada maintained a healthy level of durum exports by substantially reducing its stock levels. The high export levels of durum by Canada and the EC substantially reduced their carryover stocks which resulted in a 40 per cent reduction in world carryover levels. Such levels,

TABLE 4
WORLD DURUM PRODUCTION

	1988 [1]	1987
	(Thousands of Tonnes)	
WESTERN EUROPE	6 720	7 565
Austria	40	40
EEC [2]	6 680	7 525
France	1 120	1 386
Greece	1 160	1 178
Italy	3 917	4 476
Portugal	32	43
Spain	341	297
NORTH AMERICA	3 299	6 635
Canada	1 979	4 014
U.S.A.	1 220	2 521
SOUTH AMERICA	200	210
Argentina	80	90
MIDDLE EAST	7 300	6 800
Syria	600	640
Turkey	6 500	6 000
NORTH AFRICA	2 744	3 318
Algeria	666	777
Morocco	1 766	1 126
Tunisia	167	1 065
Others [3]	4 637	4 072
WORLD TOTAL	24 900	28 600

[1] Preliminary: Subject to Revision
[2] Twelve Member States
[3] Includes Estimates for the U.S.S.R., Eastern Europe and Far East Asia
Source: International Wheat Council, Canada - Statistics Canada

TABLE 5
EXPORTS OF DURUM BY PRINCIPAL EXPORTERS

	1988-89 [1] [2]	1987-88
	(Thousands of Tonnes)	
Canada	2 003	2 754
EEC [3]	1 800	765
U.S.A.	477	1 478
Others	600	433
WORLD TOTAL	4 880	5 430

[1] Preliminary: Subject to Revision
[2] July-June crop year except for Canada which is an August-July crop year
[3] Twelve Member States
Source: For Canada – Statistics Canada "Grain Trade of Canada" and Canadian Grain Commission "Canadian Grain Exports"
For all other countries – IWC Market Report, November 1989

TABLE 6
WORLD DURUM CARRYOVER STOCKS
IN THE MAJOR EXPORTING COUNTRIES

	1988-89 [1]	1987-88
	(Thousands of Tonnes)	
Canada (August-July)	815	1 541
EEC [2] (July-June)	1 600	3 100
U.S.A. (June-May)	1 600	2 300
WORLD TOTAL	4 015	6 941

[1] Preliminary: Subject to Revision
[2] Twelve Member States
Source: IWC Market Report, November 1989, for the EEC and U.S.A.
Statistics Canada for Canadian figures

although not as low as other types of wheat, are lower than has been seen in the past several years.

Price

Drought in Canada and in the U.S. was most severe in the major durum-growing areas, Saskatchewan and North Dakota. Minneapolis cash prices peaked in June, then drifted sideways to downwards for the rest of the crop year. This downward price pressure is in part due to significant exports by the EC. In some instances EC export refunds were as high as U.S.$234 per tonne for semolina and $21.94 per tonne for durum.

COARSE GRAINS

Production

World coarse grain production in 1988-89 was 728.5 million tonnes compared to 796.0 million tonnes in the previous year. These statistics include corn, barley, oats, sorghum, rye, millet, triticale, and mixed grains.

World coarse grain production in 1988-89 was heavily influenced by events occurring in the U.S. In spite of a drop in set-aside acreage and an increase in planted corn, U.S. production of coarse grains dropped by almost one-third. Due to the worst drought in 50 years, which inhibited pollination and stunted growth in the U.S. corn crop, yields fell by about 30 per cent from the previous year. Barley and oats were similarly hard hit by dry weather. Production of these grains dropped 48 per cent

TABLE 7
WORLD PRODUCTION OF COARSE GRAINS

	1988 [1]	1987
	(Millions of Tonnes)	
WESTERN EUROPE	99.5	93.5
EEC [2]	88.3	82.7
Denmark	6.0	4.9
France	26.5	25.3
Germany, Fed. Rep. of	15.1	13.8
Italy	8.4	8.0
Spain	16.8	14.4
United Kingdom	9.4	9.7
Others EEC	6.1	6.6
Sweden	3.5	3.6
Others	7.7	7.2
EASTERN EUROPE	61.9	64.2
German Dem. Rep.	6.3	7.3
Hungary	7.6	8.3
Poland	16.9	18.1
Romania	12.5	12.5
Yugoslavia	8.7	9.7
Others	9.9	8.3
U.S.S.R.	97.6	114.0
NORTH & CENTRAL AMERICA	186.7	259.3
Canada	19.7	25.5
Mexico	13.8	14.5
U.S.A.	149.6	215.9
Others	3.6	3.4
SOUTH AMERICA	41.6	47.0
Argentina	6.7	13.4
Brazil	27.1	25.9
Others	7.8	7.7
ASIA	170.5	159.5
China	94.7	96.2
India	32.6	23.5
Indonesia	4.8	5.8
Thailand	4.8	2.9
Turkey	10.7	10.2
Others	22.9	20.9
AFRICA	63.2	50.5
Egypt, Arab Rep. of	4.8	4.3
Nigeria	8.5	6.8
South Africa	12.4	7.9
Sudan	1.5	1.5
Others	36.0	30.0
OCEANIA	7.5	8.0
Australia	6.9	7.4
Others	.6	.6
WORLD TOTAL	728.5	796.0

[1] Preliminary: Subject to Revision
[2] Twelve Member States
Source: For Canada – Statistics Canada
For all other countries – IWC Market Report, December 1989

TABLE 8
EXPORTS OF COARSE GRAINS
BY PRINCIPAL EXPORTERS (July-June Crop Year)

	1988-89 [1]	1987-88
	(Millions of Tonnes)	
Argentina	4.7	4.4
Australia	2.1	2.2
Canada	3.5	5.2
China	4.8	3.6
EEC [2&3]	11.1	8.5
South Africa	1.1	1.6
Thailand	1.7	1.2
U.S.A.	62.7	51.6
Others	6.1	8.4
WORLD TOTAL	97.8	86.7

[1] Preliminary: Subject to Revision
[2] Twelve Member States
[3] Excluding EEC Intra-Trade
Source: For Canada – Canadian Grain Commission and Statistics Canada
For all other countries – IWC Market Report, November 1989

and 41 per cent respectively, while sorghum production fell by 22 per cent.

As well, production of coarse grains fell in the U.S.S.R. by 14 per cent due to unfavourable pre-harvest weather in major producing areas. Prolonged drought in Argentina cut their coarse grain production in half. However, good crop conditions in India, Africa and Western Europe counter-balanced the drop in production in other areas.

Trade

World coarse grains trade in 1988-89 was heavily influenced by poor crops in the U.S.S.R., and jumped to 97.8 million tonnes from 86.7 million tonnes in 1987-88.

As corn production in the U.S. deteriorated over the course of the growing season, prices soared for corn and other coarse grains. This prompted many countries to accelerate their purchases of corn in the U.S. The large jump in trade was mostly due to the U.S.S.R. increasing its imports of U.S. coarse grains (mainly corn) by 150 per cent over the previous year. In spite of a large increase in production of coarse grains in Africa, import levels were almost the same as in the previous year. Imports by countries other than the U.S.S.R. remained largely unchanged during 1988-89.

Carryover Stocks

With world production of coarse grains down sharply in 1988-89 and imports of corn up sharply in the U.S.S.R., world carryover stocks were reduced for a second year in a row. USDA estimates of ending stocks for 1988-89 were 145.5 million tonnes, down 32 per cent from 213.4 million tonnes in 1987-88.

Price

The U.S. price of corn at the beginning of the crop year was near its yearly high and traded in a narrow range until May of 1989 when moisture conditions in the U.S. corn belt improved and changed the market's assessment of future supplies. By the end of the 1988-89 crop year, prices had dropped 18 per cent from where they were at the beginning of the crop year.

Corn, which is the dominant coarse grain in terms of world trade, was not sold with export subsidies. Instead, the U.S. targeted barley as their main vehicle in their ongoing subsidy war with the EEC. However, lower barley supplies in the U.S. had a significant impact on U.S. EEP subsidies for barley. During 1988-89, U.S. export subsidies on barley ranged from U.S.$3-$17 per tonne compared to U.S.$30-$45 in 1987-88.

BARLEY

Production

World production of barley for 1988-89 was 167.8 million tonnes, down 8.3 per cent from the previous year. The U.S.S.R. experienced poor pre-harvest weather in key areas, which cut their production by 24 per cent. This drop in barley production accounted for the large drop in coarse grains production in the U.S.S.R. for 1988-89. Canadian production was also down 27 per cent at 10.2 million tonnes, the lowest production level since 1979. The EEC became the largest barley producer in 1988-89 with production of 50.6 million tonnes.

Trade

World trade in barley fell marginally in 1988-89 to 16.3 million tonnes. Lower production levels in Canada and the U.S. resulted in significantly lower exports. However, the EEC, with increased production, stepped in with an increase in barley exports of 35 per cent over 1987-88. Import demand for barley by the Eastern European countries and the U.S.S.R. countered drops in Near East Asian and Far East Asian countries.

TABLE 9
WORLD BARLEY PRODUCTION

	1988[1]	1987
	(Millions of Tonnes)	
Australia	3.3	3.5
Canada	10.2	14.0
China	6.3	6.0
Eastern Europe	15.7	15.6
EEC [2]	50.6	47.1
U.S.A.	6.3	11.5
U.S.S.R.	44.5	58.4
Others	30.9	26.9
WORLD TOTAL	167.8	183.0

[1] Preliminary: Subject to Revision
[2] Twelve Member States
Source: IWC Market Report, November 1988, for all countries except Canada
Canada – Statistics Canada

TABLE 10
EXPORTS OF BARLEY

	1988-89[1]	1987-88
	(Millions of Tonnes)	
Australia	1.5	1.5
Canada	2.6	4.4
EEC [2]	9.3	6.9
U.S.A.	1.6	2.9
Others	1.3	1.6
WORLD TOTAL	16.3	17.3

[1] Preliminary: Subject to Revision
[2] Twelve Member States excluding Intra-Trade
Source: For Canada – Statistics Canada and Canadian Grain Commission
(August-July crop year)
For all other countries – IWC Market Report, November 1989

Price

Due to reduced global production, barley prices were significantly higher during 1988-89 which cut into import demand. The U.S. substantially reduced its use of the EEP for barley so that only two-thirds of U.S. barley exports were sold under export subsidy in 1988-89, compared to 100 per cent in 1987-88. In addition to this reduced level of support, export subsidies for barley were

down significantly from 1987-88 subsidies which were in the range of U.S.$30-$45 compared to U.S.$3-$17 in 1988-89. Barley prices started to slide in the latter part of the crop year on prospects of a larger 1989 North American crop and sluggish demand.

OATS

World trade in oats, as estimated by the International Wheat Council, increased to 1.4 million tonnes in 1988-89, a 19 per cent increase over 1987-88. This high level of activity was mainly due to a record level of imports by the U.S. of 860 000 tonnes of oats compared to 690 000 tonnes in the previous year. This increase in demand for imported oats by the U.S. was due to a substantial shortfall in oats output and an increased demand by health-conscious consumers. Canadian statistics show Canada shipped about 703 000 tonnes, almost all of which was destined for the U.S.

This increased demand for high-quality food and feed oats in the U.S. was a continuation of the trend from 1987-88 and helped propel oats prices to significantly higher levels over 1987-88. However, in the latter part of the crop year, with the return to higher levels of oats production in the U.S., oats values began to decline dramatically.

PART II
SALES OF CANADIAN GRAIN

WHEAT AND WHEAT PRODUCTS

Exports of Canadian wheat and durum wheat were 12.4 million tonnes in 1988-89. This was a 47 per cent decrease from the previous year, and the lowest on record since the late 1970s. Even though Western Canada realized a small crop as a result of drought and the lowest wheat carryover since 1952-53, the Wheat Board worked hard to meet Canadian grain customers' needs during the crop year. The result was impressive, with 58 different countries receiving Prairie wheat.

As shown in Table 11, individual purchases by the main customers were down from those of the previous two years. China remained Canada's largest wheat customer and the U.S.S.R. ranked second. Imports by many other countries remained relatively stable.

TABLE 11
CANADIAN WHEAT (INCLUDING DURUM) AND WHEAT FLOUR EXPORTS TO MAJOR MARKETS

	1988-89 [1]	1987-88	1986-87
	(Thousands of Tonnes)		
China (PRC)	2 830	7 664	4 194
U.S.S.R.	2 666	4 500	5 391
Japan	1 355	1 484	1 349
Iraq	783	884	691
Cuba	605	953	1 250
Italy	410	439	634
United Kingdom	410	413	503
Algeria	337	764	448
Venezuela	323	532	150
United States	278	397	420
South Korea	38	617	1 173
Iran	26	1 113	128
Brazil	14	448	780
Others [2]	2 338	3 306	3 672
Total	12 413	23 514	20 783

[1] Preliminary: Subject to revision.
[2] Includes Bagged Seed Exports
Source: Canadian Grain Commission for 1988-89
Previous Years – Statistics Canada "Grain Trade of Canada"

TABLE 12
CANADIAN DURUM EXPORTS TO MAJOR MARKETS

	1988-89 [1]	1987-88	1986-87
	(Thousands of Tonnes)		
U.S.S.R.	715	992	498
Algeria	326	611	423
Italy	214	231	480
United States	186	203	61
Japan	118	94	79
Venezuela	116	175	38
Libya	78	96	135
Belgium/Luxembourg	52	78	14
Cuba	47	64	58
German Dem. Rep.	10	53	47
Others	141	157	124
Total	2 003	2 754	1 957

[1] Preliminary: Subject to Revision
Source: Canadian Grain Commission for 1988-89
Previous Years – Statistics Canada

Western Canadian farmers supply a wide range of customers and many different sizes of shipments. In 1988-89, 13 countries purchased between 100 000 and 500 000 tonnes each, and 40 countries bought under 100 000 tonnes each. (See Table XII for a more detailed list of countries importing Canadian wheat.)

DURUM WHEAT

Of total wheat exports of 12.4 million tonnes, about 2.0 million tonnes were durum wheat. This was down 27 per cent or 751 000 tonnes from the record of 1987-88. This was an aggressive pace for durum exports, particularly in a drought year. It meant that carryover stocks were reduced significantly by the end of the year.

Durum exports went to 19 countries during 1988-89. Table 12 shows the Soviet Union as the largest customer. Algeria continued to rank second. Both countries experienced a significant drop in purchases from 1987-88.

OATS

In contrast to other grains, Canadian oats exports soared to 703 000 tonnes in 1988-89, compared to 278 000 tonnes in 1987-88. This was mainly because of a continuing aggressive marketing strategy by the Board, together with good crop conditions and continued strong demand for quality oats in the United States. Oats production was not affected as much as the other grains as the largest proportion is produced in areas that were not as hard hit by the drought. The Board exported 667 271 tonnes of the total to the United States. Other destinations included Belgium/Luxembourg, U.S.S.R. and Japan.

The federal government announced on January 19, 1989, that effective with the start of the 1989-90 crop year, the Wheat Board will no longer market Western oats domestically or for export.

BARLEY AND BARLEY PRODUCTS

Canada's exportable barley supplies were well down because of the devastating drought. Consequently, barley exports, at 2.9 million tonnes, decreased for the third year in a row, with a 37 per cent drop from last year alone.

Table 13 shows the major customers. Barley exports reached 14 countries. Saudi Arabia remained the largest customer. Japan was the second largest importer.

Malting barley accounted for about 12 per cent or 349 000 tonnes of Canadian barley and barley product exports. Quantities and destinations for malting barley were 150 000 tonnes to the United States, 39 800 tonnes to Colombia, 8 300 tonnes to Ecuador, 22 400 tonnes to Mexico, 5 500 tonnes to Peru, and 123 300 tonnes to China.

DOMESTIC WHEAT PRICES

Effective August 1, 1988, the federal government established a new policy for domestic wheat pricing whereby the selling price of wheat for human consumption in Canada would be based on the North American market. The government guaranteed that it would make up any difference between market value and the previous $7.00-per-bushel level. Western Canadian farmers received this money through Wheat Board pool accounts. The support equaled the difference between the "old" domestic price ($257.21 a tonne for No. 1 CWRS, 13.5%) and the "new" price based on the North American market. The Wheat Board received $62.6 million from the federal government for the 1988-89 pool accounts. This support was added to the 1988-89 wheat pool account and became part of the farmer's return through final payments.

The change in federal policy also applied to durum wheat, but the 1988 drought pushed North American prices up sharply at the beginning of the 1988-89 crop year to a high of $333.76 per tonne. Durum prices dropped during the crop year, with $231.90 per tonne quoted for July 28, 1989. The federal government contributed over $561,000 to the durum wheat pool account during the 1988-89 crop year in lieu of the two-price wheat program.

TABLE 13
CANADIAN BARLEY EXPORTS
TO MAJOR MARKETS

	1988-89 [1]	1987-88	1986-87
	(Thousands of Tonnes)		
Saudi Arabia	1 091	1 678	1 941
Japan	698	900	731
U.S.A.	213	278	118
German Dem. Rep.	176	260	467
China	123	278	285
Iraq	115	111	–
Iran	63	123	–
Israel	53	65	198
U.S.S.R.	–	208	2 149
Colombia	40	80	90
Others	45	393	554
Total Bulk Grain	2 617	4 374	6 533
Malt	261	220	185
GRAND TOTAL	2 878	4 594	6 718

[1] Preliminary: Subject to Revision
Source: Canadian Grain Commission for 1988-89
Previous Years – Statistics Canada

DOMESTIC PRICES FOR MALTING BARLEY AND MILLING OATS

Domestic maltsters and oat millers, like domestic wheat and durum millers, buy their Prairie supplies from the Wheat Board. The Board sets prices at levels which take into account supply/demand factors as well as overall market conditions. Due to the drought conditions in both Canada and the United States, prices for these grains were at a high level at the beginning of the crop year. These prices have since dropped considerably.

CREDIT SALES

The Wheat Board conducted less than nine per cent of its total wheat sales under credit during 1988-89. Barley credit sales accounted for only four per cent of total business. In all cases, the Board operates under a guarantee provided by the government, and within parameters set out by the federal government when it is requested by a customer to consider credit arrangements.

When a credit sale is entered into, the Board borrows money to fund the transaction. These funds are used to pay the pool account and are included in any final payments. If there is any delay in payments, it results in further borrowing from the banks to cover the interest. The pool account is not affected.

The federal government guarantees the bank loans that the Wheat Board incurs to finance its credit sales. If the principal and interest amount owing on a credit sale cannot be recovered from the customer, the federal government would, under its guarantee, provide the funds to clear the Board's debt with the bank.

The bottom line from the Board's and farmers' perspective is that the government has clearly stated that they are guaranteeing the Board's receivables and bank loans, hence the farmer is not at risk.

Wheat Board credit sales of wheat, oats, and barley were down from the level of the year before. A total 1.2 million tonnes of grain was sold by the Wheat Board under credit in 1988-89, compared to 2.6 million tonnes the year before. Destinations of these sales are shown in Table 14.

TABLE 14
1988-89 CANADIAN GRAIN EXPORTS
UNDER CREDIT AGREEMENTS

August 1/88 - July 31/89
(Tonnes)

WHEAT	
Iraq	723 741
Algeria	326 214
Jamaica	38 769
Sub-Total	1 088 724
BARLEY	
Iraq	115 031
Sub-Total	115 031
TOTAL WHEAT & BARLEY	1 203 755

Source: CWB Sales Programming and Finance Directorate as of January 29, 1990

FOOD AID PROGRAMS

Export shipments of wheat and wheat flour under Canada's food aid programs decreased during the 1988-89 crop year to 906 788 tonnes. This compares to 978 816 tonnes in 1987-88 and 1.17 million tonnes in 1986-87.

Bangladesh was the largest recipient of food aid with shipments from all programs totaling 284 978 tonnes. Table 15 on the next page provides a list of all food aid shipments by country.

TABLE 15
WESTERN CANADIAN FOOD AID SHIPMENTS 1988-89 *
(August-July)
(Tonnes)

Country	CIDA			World Food Program			Total		
	Wheat	Flour	Sub-Total	Wheat	Flour	Sub-Total	Wheat	Flour	Sub-total
Bangladesh	214 979	–	214 979	69 999	–	69 999	284 978	–	284 978
China (PRC)	–	–	–	95 800	21 250	117 050	95 800	21 250	117 050
Morocco	16 740	–	16 740	13 100	32 540	45 640	29 840	32 540	62 380
Mozambique	61 645	–	61 645	–	–	–	61 645	–	61 645
Sudan	–	28 407	28 407	–	5 671	5 671	–	34 078	34 078
Ethiopia	–	–	–	28 599	–	28 599	28 599	–	28 599
Tanzania	–	–	–	–	20 203	20 203	–	20 203	20 203
Yemen (PDR)	–	–	–	3 200	16 013	19 213	3 200	16 013	19 213
Tunisia	9 300	–	9 300	7 500	745	8 245	16 800	745	17 545
Bolivia	10 755	–	10 755	957	5 210	6 167	11 712	5 210	16 922
Ghana	16 000	–	16 000	–	–	–	16 000	–	16 000
Colombia	–	–	–	–	14 883	14 883	–	14 883	14 883
Brazil	–	–	–	14 280	–	14 280	14 280	–	14 280
Algeria	–	–	–	–	14 151	14 151	–	14 151	14 151
Jordan	–	–	–	–	14 141	14 141	–	14 141	14 141
Zambia	14 044	–	14 044	–	–	–	14 044	–	14 044
Jamaica	–	–	–	11 063	–	11 063	11 063	–	11 063
Mali	9 326	–	9 326	–	–	–	9 326	–	9 326
St. Lucia	–	–	–	8 346	–	8 346	8 346	–	8 346
Yemen (AR)	–	–	–	–	8 067	8 067	–	8 067	8 067
Sri Lanka	8 000	–	8 000	–	–	–	8 000	–	8 000
Eqypt	–	–	–	7 575	–	7 575	7 575	–	7 575
Philippines	–	–	–	7 250	–	7 250	7 250	–	7 250
Indonesia	–	–	–	7 200	–	7 200	7 200	–	7 200
Syria	–	–	–	–	6 900	6 900	–	6 900	6 900
Senegal	6 830	–	6 830	–	–	–	6 830	–	6 830
Guinea	–	6 720	6 720	–	–	–	–	6 720	6 720
St. Vincent	–	–	–	6 714	–	6 714	6 714	–	6 714
Nepal	–	–	–	2 500	–	2 500	2 500	–	2 500
Ecuador	–	–	–	–	2 415	2 415	–	2 415	2 415
Honduras	2 250	–	2 250	–	–	–	2 250	–	2 250
St. Kitts	–	–	–	2 057	–	2 057	2 057	–	2 057
Grenada	–	–	–	1 976	–	1 976	1 976	–	1 976
Lebanon	–	–	–	–	1 867	1 867	–	1 867	1 867
El Salvador	1 650	–	1 650	–	–	–	1 650	–	1 650
Somalia	–	–	–	–	1 035	1 035	–	1 035	1 035
Mauritius	–	–	–	–	1 000	1 000	–	1 000	1 000
Costa Rica	–	–	–	–	910	910	–	910	910
Paraguay	–	–	–	–	780	780	–	780	780
Burundi	–	–	–	–	690	690	–	690	690
Guatemala	–	–	–	–	676	676	–	676	676
Liberia	–	–	–	–	414	414	–	414	414
Gambia	–	–	–	–	171	171	–	171	171
Sao Tomi	–	–	–	–	97	97	–	97	97
Nicaragua	–	–	–	–	69	69	–	69	69
Sub-Total	371 519	35 127	406 646	288 116	169 898	458 014	659 635	205 025	864 660
CFBA: Angola 100 tonnes; Bangladesh 5 675 tonnes; Ethiopia 22 843 tonnes; Zimbabwe 13 500 tonnes									42 128
GRAND TOTAL									906 788

* Includes Eastern Flour

Source: CWB Sales Programming as of January 18, 1990

PART III
THE SUPPLY AND TRANSPORTATION OF GRAIN

INTRODUCTION

Total grain supplies in 1988 were down from the near-record grain production of the 1987-88 crop year. Production of the six major grains in Western Canada totaled an estimated 31 million tonnes in 1988. Hot weather at key periods of crop development, and dry conditions that persisted for much of the growing season, significantly reduced the 1988 grain crop. Exports of Canadian grain closed the crop year at 18.2 million tonnes, which was considerably less than the previous year's record exports of 30.7 million tonnes.

TABLE 16
1988 [1] WESTERN CANADIAN YIELDS AND PRODUCTION

	ALBERTA				SASKATCHEWAN			
	YIELD		PRODUCTION		YIELD		PRODUCTION	
	1988	10-year Average 1978-87	1988	10-year Average 1978-87	1988	10-year Average 1978-87	1988	10-year Average 1978-87
	(Bus. per Acre)		(Million Tonnes)		(Bus. per Acre)		(Million Tonnes)	
Wheat	27.7	30.3	5.3	5.5	13.1	26.2	6.9	13.8
Barley	56.8	48.3	5.8	5.7	31.5	43.0	2.1	3.1
Oats	73.8	60.4	1.6	1.2	38.8	49.3	.5	.7
Rye	17.5	31.2	.1	.2	12.1	24.4	.1	.3
Flaxseed	22.5	19.0	–	.1	12.0	17.1	.1	.2
Canola	24.0	21.6	1.9	1.3	19.5	22.8	1.7	1.2
TOTAL PRODUCTION	–	–	14.7	14.0	–	–	11.4	19.3

	MANITOBA				WESTERN CANADIAN PROVINCES [2]			
	YIELD		PRODUCTION		YIELD		PRODUCTION	
	1988	10-year Average 1978-87	1988	10-year Average 1978-87	1988	10-year Average 1978-87	1988	10-year Average 1978-87
	(Bus. per Acre)		(Million Tonnes)		(Bus. per Acre)		(Million Tonnes)	
Wheat	18.3	30.3	2.4	3.5	17.3	26.6	14.7	22.9
Barley	35.7	48.6	1.1	1.9	45.2	46.0	9.1	10.9
Oats	36.3	54.1	.2	.5	57.9	55.0	2.4	2.4
Rye	19.2	30.7	.1	.1	15.4	27.0	.2	.6
Flaxseed	11.1	16.9	.2	.4	11.9	16.4	.4	.7
Canola	17.4	22.1	.6	.5	20.9	21.5	4.3	3.0
TOTAL PRODUCTION	–	–	4.6	6.9	–	–	31.1	40.5

[1] Preliminary: Subject to Revision
[2] Includes British Columbia
Source: Statistics Canada

CROP DEVELOPMENT, QUALITY, AND SIZE

The 1988 growing season began under very dry conditions which had persisted since the previous fall. Precipitation in most regions of the grain-growing area fell below 75 per cent of normal for the period from September 1987 to July 31, 1988 (see Map 1).

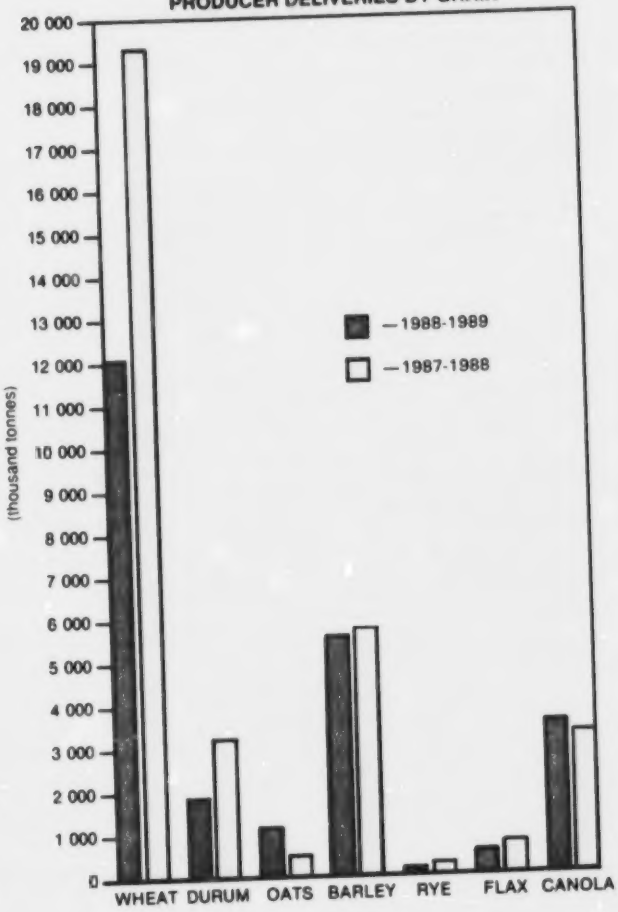
Dry soils, combined with the heat wave in June, stunted the growth of many crops, especially those sown early. Later sown crops generally fared better. June 1988 was the hottest June this century (see Map 2).

The drought hurried crop development. Harvesting in Saskatchewan and Manitoba was already well advanced when rains at the end of August slowed progress. Overall, wheat quality was exceptional in Manitoba, somewhat above average in Saskatchewan, and a little below average in Alberta.

PRODUCER DELIVERIES

In 1988-89 producers delivered 24.5 million tonnes of the six major grains. This was down from 33.3 million tonnes the previous year. By looking at Graph One, which lists the producer deliveries by grain, you will see that wheat deliveries were the hardest hit. Deliveries of oats and canola increased.

GRAPH 1
PRODUCER DELIVERIES BY GRAIN



With the drought-reduced grain deliveries, Western Canada's marketing system encountered few problems in the handling and movement of grain. Good delivery opportunities for different types of wheat were available early in the crop year. In addition to regular oats and barley quotas, the Board again offered guaranteed delivery contracts for specific grades of oats and barley. Because reduced grain supplies were not expected to exert pressure on handling and transportation facilities, producers were not required as in previous contracts to assign quota acres. The Board accepted all tonnages offered by producers against contracts.

As the crop year drew to a close, there was a surge in barley deliveries, and although this resulted in congestion at some country elevators, the Wheat Board was able to handle the deliveries and put in place the necessary sales and movement.

CARRYOVER

Total carryover stocks were influenced by this summer's drought and were reduced to 9.8 million tonnes, one of the lowest levels in recent history. Of the total carryover, only 2.7 million tonnes was estimated as on-farm stocks, as shown in Table 18.

Table 19 lists commercial stocks over the last five years.

MAP 1

PRECIPITATION DEPARTURE FROM NORMAL —
SEPTEMBER 1987 TO JULY 1988

MAP 2

MONTHLY DEVIATION FROM NORMAL TEMPERATURE
(Deg. C June 1988)

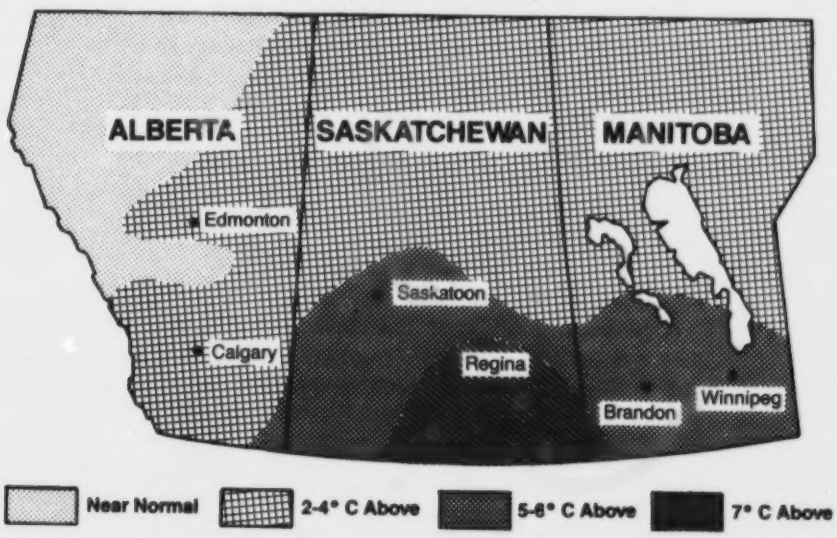


TABLE 17
SUMMARY OF CROP YEAR QUOTAS AS AT JULY 31, 1989

	Quota Name	Kilograms Quota Acre	Bushels/ Quota Acre	Grades	Area
Canada Western Red Spring Wheat	A to J	1 615	59.5	All	All
	A to K	1 995	73.7	All	All
Durum Wheat	A to F	2 035	75.0	All	All
Canada Prairie Spring Wheat	A to F	2 035	75.0	All	All
Utility Types of Wheat	A to E	1 630	60.0	All	All
Red Winter Wheat	A to E	2 180	80.2	All	All
Soft White Spring Wheat	A	160	10.1	All	All
Oats	A to B	220	10.2	All	All
Barley					
Contract Oats	Series A to B	100% of contract		Straight 3 CW & higher	All
Contract Barley	Series A to C	100% of contract		Straight 1 & 2 CW	All
Contract Soft White Spring Wheat		2 000	73.5	Straight 1 & 2 CW	All
Contract Utility Types of Wheat		1 500	55.1	Straight 1 & 2 CW	All
Rye		1 525	60.0		
Rye to Distillers		1 525	60.0		
Flaxseed		1 525	60.0		
Flaxseed to Crushers		1 525	60.0		
Canola		1 400	61.7		
Canola to Crushers		1 400	61.7		
Off-Board Wheat		1 635	60.0		
Off-Board Oats		930	60.3		
Off-Board Barley		1 305	59.9		
Selected Soft White Spring Wheat	1 carlot per 60 acres or 1360 kg per acre per truck				
Designated Oats	5 carlots per 40 acres				
Designated Barley	6 carlots (60 acres of assigned per carlot)				
	Maximum 3 carlots Selected 2 Row Barley				
	Maximum 3 carlots Selected 6 Row Barley				

COUNTRY ELEVATOR SHIPMENTS

Country elevator shipments of the seven major grains in 1988-89 totaled 23.4 million tonnes, compared to 33.4 million tonnes the previous year. Country elevator shipments by province and by grain are shown in Table 20.

Shipments from elevators in Manitoba and Saskatchewan were down, while Alberta shipments were similar to the year before.

WEST COAST

West Coast ports exported 11.9 million tonnes during the 1988-89 crop year. Due to the effects of the drought, exports were down over five million tonnes from the previous record set in 1987-88. Of the total, Vancouver accounted for 9.2 million tonnes while Prince Rupert accounted for the remaining 2.7 million tonnes.

The UGG terminal closed for extensive renovations in late February 1989 for about a year. During that time,

TABLE 18
STOCKS ON FARMS IN WESTERN CANADA AS AT JULY 31
FOR YEARS 1984 TO 1989

Grain	1989 [1]	1988	1987	1986	1985	1984
			(Thousands of Tonnes)			
Wheat*	**775**	**2 520**	**4 990**	**745**	**1 060**	**1 690**
Oats	**390**	**660**	**800**	**455**	**345**	**465**
Barley	**1 000**	**2 370**	**1 330**	**815**	**700**	**930**
Rye	**70**	**170**	**235**	**160**	**150**	**105**
Flaxseed	**35**	**115**	**140**	**65**	**25**	**25**
Canola	**435**	**160**	**170**	**275**	**95**	**15**
TOTAL	2 705	5 995	7 665	2 515	2 375	3 230

* Includes Durum Wheat
[1] Subject to Revision
Source: Statistics Canada

TABLE 19
STOCKS IN CANADIAN COMMERCIAL POSITIONS BY GRAIN AS AT JULY 31
FOR YEARS 1984 TO 1989

Grain	1989 [1]	1988	1987	1986	1985	1984
			(Thousands of Tonnes)			
Wheat*	**4 144**	**4 770**	**7 724**	**7 799**	**6 518**	**7 455**
Oats	**271**	**207**	**144**	**171**	**124**	**125**
Barley	**1 725**	**1 200**	**1 602**	**2 209**	**1 291**	**891**
Rye	**141**	**159**	**165**	**142**	**233**	**326**
Flaxseed	**132**	**287**	**302**	**208**	**119**	**130**
Canola	**694**	**491**	**449**	**675**	**375**	**105**
TOTAL	7 107	7 114	10 386	11 204	8 660	9 032

* Includes Durum Wheat
[1] Subject to Revision
Source: Canadian Grain Commission for 1989
All previous years – Statistics Canada

TABLE 20
COUNTRY ELEVATOR SHIPMENTS

Grain	1988-89				1987-88			
	Manitoba	Saskatchewan	Alberta [1]	TOTAL	Manitoba	Saskatchewan	Alberta [1]	TOTAL
		(Thousands of Tonnes)				(Thousands of Tonnes)		
Wheat	**2 251**	**5 694**	**4 259**	**12 204**	**3 506**	**12 213**	**4 859**	**20 578**
Durum	**119**	**1 349**	**382**	**1 850**	**239**	**2 784**	**570**	**3 593**
Oats	**82**	**189**	**772**	**1 044**	**87**	**134**	**302**	**523**
Barley	**551**	**1 441**	**3 229**	**5 221**	**749**	**2 005**	**2 921**	**5 675**
Rye	**50**	**78**	**53**	**181**	**32**	**155**	**53**	**240**
Flaxseed	**161**	**149**	**30**	**341**	**310**	**224**	**21**	**555**
Canola	**448**	**1 099**	**977**	**2 524**	**431**	**1 023**	**818**	**2 272**
TOTAL	3 662	9 999	9 702	23 365	5 354	18 538	9 544	33 436

[1] Includes British Columbia
Source: Canadian Grain Commission

Board grains had to be apportioned among the remaining terminals but this did not have any major impact on the Board's overall export program.

THUNDER BAY AND ST. LAWRENCE

Exports through Thunder Bay terminals and St. Lawrence transfer houses totaled 5.3 million tonnes in 1988-89. This was a drop by more than half from the year before, and reflected drought-reduced Prairie grain supplies.

Operations ran smoothly during the year, and there were very few incidents of vessels waiting to load due to the steady flow of grain deliveries by farmers.

The Lake Ontario-Montreal section of the Seaway closed January 4, 1989. The Welland Canal closed December 28, 1988.

The 1989 shipping season got off to a slow pace, again reflecting the limited available supplies. The two first vessels of the season left Thunder Bay on March 31, 1989. All sections of the Seaway and Great Lakes were opened at relatively the same time.

ATLANTIC

Exports through the Atlantic ports of Halifax and West Saint John totaled 401 600 tonnes in 1988-89, approximately 180 000 tonnes less than the previous year. The significant drop in exports for this crop year was mainly due to the drought. The grains moved through the two ports included wheat and durum.

As part of the 1989 federal budget cuts, the government announced that the "At and East" rail freight subsidy would be discontinued as of July 15, 1989. The Wheat Board had been using the "At and East" rates for moving export grain during the winter months from Georgian Bay to Atlantic ports to sustain shipment to customers on a year-round basis. The low "At and East" rail freight rates offset the higher costs of rail movement after the close of navigation. This subsidy was created in 1960 to offset some of the advantages that U.S. eastern ports had over Canadian eastern ports. The government said these advantages no longer exist.

CHURCHILL

Churchill exports for the 1988 season totaled 50 100 tonnes, down from 569 000 tonnes the previous year. All of the grain moved through the port during the season was wheat. The reduced movement was again due to limited supplies.

The first vessel of the season began loading at Churchill on October 5, 1988, and the last vessel of the season cleared the port on October 19, 1988.

FREIGHT AND HANDLING RATES

The total cost of moving grain east of Thunder Bay is shown in Table 21. The reason for the decrease in water

TABLE 21
TOTAL EASTERN TRANSPORTATION AND HANDLING COSTS FOR WHEAT

	1989	1988	1987	1986	1985	Percentage Increase/ Decrease from 1985
			(Dollars per Tonne)			
Thunder Bay to St. Lawrence[1] (all water)	$20.908	$22.364	$21.565	$25.586	$24.489	-14.6%
Thunder Bay to St. Lawrence (winter rail)	n/a	31.345	32.940	34.229	34.185	n/a
Thunder Bay to Atlantic[2]	23.071	24.461	23.615	27.571	27.548	-16.3%

[1] Includes lake freight rate as at opening of navigation.
[2] Includes lake freight costs to Georgian Bay at close of the previous navigation season and AT and East rail freight costs from Georgian Bay to the Atlantic.

TABLE 22
TOTAL EASTERN TRANSPORTATION AND HANDLING COSTS FOR WHEAT
(Rates Basis Opening of Navigation)

	1989	1988	1987	1986	1985	Percentage Increase/ Decrease from 1985
			(Dollars per Tonne)			
Thunder Bay Costs	$5.335	$5.160	$5.180	$5.180	$5.013	+6.4%
Elevation [1]	**4.480**	**4.310**	**4.310**	**4.310**	**4.180**	**+7.1%**
Weighing, Inspection [2]	**.740**	**.740**	**.740**	**.740**	**.740**	**0%**
LSCA Charges [3]	**.055**	**.050**	**.070**	**.043**	**.043**	**+27.9%**
Warehouse Receipts Cancellation [4]	**.060**	**.060**	**.060**	**.060**	**.050**	**+20.0%**
Lake Freight (including Bunker fuel)						
Thunder Bay to Bay Ports	**7.09**	**7.240**	**6.680**	**8.430**	**9.240**	**-23.3%**
Thunder Bay to St. Lawrence	**11.35**	**13.170**	**12.140**	**13.590**	**15.110**	**-24.9%**
Eastern Terminals [5]						
Bay Ports	**3.430**	**3.430**	**3.430**	**3.430**	**3.430**	**0%**
St. Lawrence	**2.470**	**2.470**	**2.470**	**2.740**	**2.400**	**3%**
Atlantic	**2.470**	**2.470**	**2.470**	**2.470**	**2.400**	**3%**

[1] Receiving, weighing and delivery of grain.
[2] Sampling and grading of grain by an inspector and issuing of inspection certificate.
[3] Fees of Lake Shippers Clearance Association.
[4] Cancellation by Canadian Grain Commission of registration of Terminal Warehouse Receipts.
[5] Transfer elevators in Eastern Canada, the principal use of which is the transfer of grain that has been officially inspected and officially weighed at another elevator, as well as the receiving and storing of eastern and foreign grain.

TABLE 23
WEIGHTED AVERAGE DEDUCTIONS FROM FARMERS FOR FREIGHT, COUNTRY ELEVATION, & REMOVAL OF DOCKAGE

		1988-89	1987-88	1986-87	1985-86	1984-85
			(Dollars per Tonne)			
Wheat	**Freight**	**$6.80**	**$5.94**	**$5.62**	**$5.53**	**$7.20**
	Country Elevation & Removal of Dockage	**9.10**	**8.05**	**8.02**	**7.93**	**7.60**
	Total	15.90	13.99	13.64	13.46	14.80
Durum Wheat	**Freight**	**7.05**	**6.21**	**5.79**	**5.71**	**7.55**
	Country Elevation & Removal of Dockage	**8.93**	**7.97**	**8.00**	**7.88**	**7.56**
	Total	15.98	14.18	13.79	13.59	15.11
Oats	**Freight**	**6.96**	**5.86**	**5.57**	**5.43**	**7.22**
	Country Elevation & Removal of Dockage	**12.22**	**12.34**	**12.10**	**12.08**	**11.33**
	Total	19.18	18.20	17.67	17.51	18.55
Barley	**Freight**	**6.93**	**6.03**	**5.65**	**5.53**	**7.16**
	Country Elevation & Removal of Dockage	**10.86**	**9.72**	**9.74**	**9.68**	**9.31**
	Total	17.79	15.75	15.39	15.21	16.47

transportation from Thunder Bay to St. Lawrence was due to a drop in lake freight rates.

Table 22 provides a breakdown of Thunder Bay fobbing costs, lake freight costs, and inward elevation at eastern transfer elevators. With the exception of lake freight costs, all costs were about the same as the previous year.

Weighted average rail freight rates and actual country elevation charges are shown in Table 23. Rail freight rates showed an increase from the year before. Under the Western Grain Transportation Act (Bill C-155), freight rates were destined to rise an average 39 per cent on August 1, 1987. However, the federal government assumed part of the increased cost. This increased the government's share of the 1987-88 freight rate to over 80 per cent. This was not repeated for the 1988-89 crop year, resulting in significant increases to the producer's share of freight rates.

The maximum terminal and country elevation tariffs as well as maximum removal of dockage fees remained the same as the previous year. Maximum terminal elevation tariffs were $5.01 per tonne for wheat, $8.22 per tonne for oats, and $6.21 per tonne for barley. Maximum country elevation tariffs were $8.53 per tonne for wheat, $13.99 per tonne for oats, and $10.58 per tonne for barley. For maximum removal of dockage fees, the rates were $2.63 per tonne for wheat, $4.31 per tonne for oats, and $3.26 per tonne for barley.

PART IV
OTHER OPERATIONS

PROMOTIONAL ACTIVITIES

Market Development

Four varietal evaluation programs were offered to producers prior to the start of the 1989 growing season. As shown in Table 24 below, these included HY 355 and Biggar (HY 368) wheat, and TR 479 and TR 490 barley. Varietal evaluation programs are conducted by the Wheat Board's Market Development Department to encourage the development of varieties with potential to expand market opportunities for western grain growers.

TABLE 24
WHEAT BOARD CONTRACT PROGRAMS IN 1989

Variety	Average No. of Growers	Size of Contract (Acres)	Total Acres	Type
WHEAT				
HY355	402	50-100	31,505	CPS (White)
Biggar (HY368)	489	50	24,488	CPS (Red)
BARLEY				
TR479	32	60	2,110	2-Row White
TR490	22	60	1,360	2-Row White

HY 355 – This is the first high-yielding, white wheat which appears to meet the quality requirements of the Canada Prairie Spring wheat class. It was developed at the Agriculture Canada Research Station in Swift Current. It is best adapted to the brown and dark brown soil zones and is in its second year of a two-year interim registration.

Biggar (HY 368) – This variety is the successor to HY 320. It has been supported for registration as the first variety to be included in the red Canada Prairie Spring wheat class. Like its predecessor, HY 368 is a high-yielding variety that was developed at the Swift Current Research Station. With increased kernel hardness, the milling and baking quality of HY 368 is significantly superior to that of HY 320 and should, therefore, be more acceptable in overseas markets. The variety has been supported for full registration by the Prairie Registration Recommending Committee for Grain.

TR 479 and TR 490 – These are two-row, white aleurone malting barley varieties developed at the University of Saskatchewan. Both are high-yielding and have promising malting and brewing qualities. In the 1988-89 crop year, TR 479 and TR 490 barley will be contracted for the second part of a two-year plant-scale testing program. The results of these tests will determine whether these varieties will be registered by Agriculture Canada.

Canadian International Grains Institute

The Board continued to utilize the Institute as support for its market development efforts and in this regard the Board requested the Institute to offer the following programs:

Fifth International Flour Technology – August 22 to September 8, 1988
Iraq-Canada Silo Management and Quality Control Symposium – October 3 to 20, 1988
Tenth Canadian Feed Technology – November 14 to 17, 1988
Tenth Canadian Millers – November 29 to December 9, 1988
Eleventh Canadian Grain Industry – December 12 to 16, 1988
Twenty-First and Twenty-Second Grain Marketing – January 9 to 13 and January 16 to 20, 1989
Grain Inspection Technology – January 30 to February 3, 1989
Sixteenth Farm Leaders – February 27 to March 10, 1989
Canadian Grain Industry (French) – April 3 to 8, 1989
Sixth International Feed and Oilseed – May 1 to 18, 1989
Twenty-Fourth International Grain Industry – May 30 to June 22, 1989
U.S.S.R.-Canada Grain Industry – July 9 to 16, 1989
Third International Malting and Brewing – July 24 to August 10, 1989

The Board, on behalf of farmers, also continued to jointly fund the Institute's operations with the federal government. Further details of the activities of the Institute are available in its annual report.

The Board commends the Canadian International Grains Institute for many of its programs and for the response given to our market development efforts.

Sales Missions

During the crop year under review, Commissioners and other Board officials traveled to numerous countries on sales and market development missions. These countries are listed by geographic area as follows:

Africa and the Middle East – Algeria, Bahrain, Egypt, Kuwait, Oman, Qatar, Saudi Arabia, Turkey, United Arab Emirates

Asia – Japan, Malaysia, People's Republic of China, Singapore, South Korea, Taiwan, Thailand

North America – United States

Latin America and the Caribbean – Brazil, Mexico

Western Europe – Belgium, Switzerland, United Kingdom

Eastern Europe – German Democratic Republic, Poland, U.S.S.R.

Incoming Missions

Two missions from Japan and one from the People's Republic of China visited Canada during the 1988-89 crop year as guests of the Board. These missions included milling industry and senior grain trade representatives, and government officials. The groups were able to observe the operations of the Canadian grain industry by visiting major areas such as quality control and grain processing facilities.

Individuals and groups from 13 other countries also visited the Board offices during the period under review. In addition to having meetings and discussions, the Board assisted the visitors in arranging itineraries and programs.

The Board gratefully acknowledges the invaluable support it receives from many levels of governments, universities, grain trade organizations and individuals in arranging these visits.

Awards Programme

This year marks the thirteenth year of the scholarship programme. Its purpose is to encourage young scientists to enter the field of grain and related agricultural research. This programme offers financial assistance to students in Colleges of Agriculture at the Universities of Alberta, Saskatchewan and Manitoba and is funded by the Wheat Board's Special Account. A total of $223,058.31 was awarded through this programme in the 1989 calendar year.

Seventeen students were awarded fellowships to continue post-graduate studies. At the graduate level, six new fellowships were awarded for a three-year duration. The awards are made on the basis of academic standing, and are keenly contested. Each fellowship winner receives $13,000 in the first year, $14,000 in the second year, and $15,000 in the third year.

Another 25 were presented to students at the third- and fourth-year under-graduate level. Each third-year recipient receives $1,350 and the fourth-year recipient receives $1,650. This year, three under-graduate students were hired by the Board for summer employment.

Touring the Wheat Board

There were 98 groups totaling about 1,464 people who toured the Wheat Board's Winnipeg office during the 1988-89 crop year. There were 17 farm groups, 51 international groups, 18 educational groups and 12 others. They toured the major departments of the Board and operations in each area were discussed.

LEGAL SERVICES

The Board's Legal Department continued to provide legal assistance to the Board by drafting Regulations, handling estate files and demurrage claims and providing legal opinions and assistance on a broad range of matters relating to the Board's operations.

It also assisted with the collection of defaulted cash advance accounts under the federal government's Prairie Grain Advance Payments Act. There were 1,388 accounts referred to the Legal Department during the year for collection and 175 actions were taken in the Federal Court of Canada. This compares with 849 defaulted accounts referred to the Legal Department for collection in the previous crop year in which 48 actions were taken.

Eighty-three bankruptcy files were opened and attended to by the Legal Department, compared to 82 in the previous crop year, where producers entering bankruptcy had previously obtained advance payments which remained outstanding under the Prairie Grain Advance Payments Act.

A total of 67 convictions were obtained during the 1988-89 crop year for breaches of the Canadian Wheat Board Act and Regulations and the Prairie Grain Advance Payments Act and Regulations. The convictions involved a total of 11 producers, two elevator managers and one elevator company.

OFFICERS AND STAFF

Mr. Richard Klassen was appointed Commissioner to the Canadian Wheat Board on September 14, 1988. Prior to this appointment, Mr. Klassen held several positions in the agriculture industry, the most recent of which being Commissioner of the Canadian Grain Commission. The Board welcomes Mr. Klassen to his new post and looks forward to working with him.

A number of other changes involving senior staff took place during the 1988-89 crop year. Mr. Bill Spafford and Mr. Adrian Measner were named General Director and Assistant General Director, respectively, for Sales and Market Development. Mrs. Pat Wallace was appointed General Director, Country Services Division and Mr. Frank Reid was appointed Manager of the Montreal office. Mr. Gordon Menzie was appointed Manager, Money Markets. Mr. Mike Martin, Special Assistant, Transportation and Ms. Lynn Kohm, Assistant Solicitor left the employ of the Board.

Fourteen staff members retired from the Wheat Board in 1988-89: Mrs. Mary Boyd, Mr. Gil Champagne, Mrs. Katherine Dubyk, Miss Dorothy Duncan, Ms. Neta Friesen, Mr. Ed Isaac, Mr. Albert Jaworski, Mr. Bill McInnes, Miss Madeline Pruden, Mr. Robert Thomson, Mr. Fred VanAlstyne, Mrs. Victoria VanAlstyne, Miss Adeline Wicklow, and Mrs. June Wilson.

To those employees who retired or resigned during the crop year, the Board extends its gratitude for their years of loyal and valuable service and wishes them well in their future endeavours.

It is with sadness that we record the deaths in 1988-89 of the following pensioners: Mr. Lorne Allan, Mr. George Campbell, Mr. Frank Dempster, Mr. Carl Gusberti, Mrs. Betty Hough, Mrs. Florence McGrew, Mrs. Edna Tucker, Miss Phoebe Williamson, and Mr. John Wilson. They are greatly missed by all.

As shown in Table 25 below, the number of employees has decreased annually while the quality of work and the efficient operation of the Board has remained at high standards.

TABLE 25
NUMBER OF EMPLOYEES AT JULY 31st

Year	Permanent	Temporary	Total
1985	510	82	592
1986	482	37	519
1987	462	42	504
1988	448	37	485
1989	434	35	469

BOARD OFFICES

The Canadian Wheat Board continued to operate branch offices in Montreal with a staff of seven employees, in Vancouver with a staff of 10 and in Tokyo, Japan with a staff of three.

PART V
ADVISORY COMMITTEE

The 1988-89 crop year continued with the Advisory Committee which took office in January 1987 for a four-year term. It consisted of the following members:

District	Name	Address
1	Wilfred A. Harder	Lowe Farm, Manitoba
2	Larry N. Maguire	Elgin, Manitoba
3	Terry L. Hanson	Fillmore, Saskatchewan
4	Micheal G. W. Halyk	Melville, Saskatchewan
5	J. Harvey Gjesdal	Birch Hills, Saskatchewan
6	Roy R. Atkinson	Landis, Saskatchewan
7	Avery K. Sahl	Regina, Saskatchewan
8	Gary Pike	Lloydminster, Saskatchewan
9	Dan Cutforth	Barons, Alberta
10	Ken D. Galloway	Fort Saskatchewan, Alberta
11	Arthur W. Macklin	Grande Prairie, Alberta

Mr. A. K. Sahl and Mr. M. G. W. Halyk continued in their roles as Chairman and Vice-Chairman, respectively, and were re-elected for another one-year term at the April 20, 1989, meeting.

Nine meetings of the Advisory Committee were held during 1988-89 to review operational matters with the Board and discuss policy issues related to the producers of Western Canada. Some of the Committee's main areas of interest and concern were the Canada/U.S. Free Trade Agreement, the removal of oats from the jurisdiction of the Canadian Wheat Board, the Prairie Grain Advance Payments Act, the continuing efforts of the Quota Review Committee and the role of the Advisory Committee. Two meetings were held outside of Winnipeg. The September 28th, 1988, meeting was held in Calgary in conjunction with a visit to CP Rail's Rogers Pass Project. At the invitation of the Mayor of Saskatoon, Mr. Henry Dayday, and the President of the University of Saskatchewan, Dr. Leo Kristjanson, the Committee held a meeting on February 7, 1989, in Saskatoon. Mr. Sahl and Mr. Halyk were invited to appear before the House of Commons Agriculture Committee on June 27, 1989, to discuss items of mutual concern.

The Committee received various guests at its meetings during the year. Mr. Bill Kirby and Mrs. Marilyn Huband, representatives of the Forks Sculpture Competition Steering Committee, attended on August 30, 1988, to discuss the sculpture which is to represent the development of agriculture in Western Canada at the Forks National Historic Park. Ten delegates from the Ontario Wheat Producers Marketing Board were present on October 27, 1988, to discuss their concerns relating to the free trade agreement and to domestic wheat pricing. On January 3, 1989, Mr. G. Leith, Chief Commissioner, and Mr. H. Fast, Director of Grain Inspection Division from the Canadian Grain Commission, attended the meeting to discuss the Advisory Committee's concerns related to the selection of malting barley. Dr. H. Bjarnason, Associate Deputy Minister, Grains and Oilseeds Branch, Agriculture Canada, was invited to the meeting on April 20, 1989, to give a presentation on the background and responsibilities of the new National Grains Bureau.

For the thirteenth consecutive year, meetings were held by the Wheat Board in the various Committee districts. Two half-day meetings were held in each District, with the exception of District 11 which had four meetings because of its larger area. Attendance at the meetings increased slightly over last year due to the interest in issues such as the quota review proposal and the marketing of oats.

The District Meetings were held in the following locations:

District	Location	1989 Date
1	Oak Bluff, Manitoba	February 13
	Holland, Manitoba	February 17
2	Melita, Manitoba	February 16
	Swan River, Manitoba	March 1
3	Weyburn, Saskatchewan	February 14
	Wapella, Saskatchewan	March 2
4	Wadena, Saskatchewan	February 28
	Melville, Saskatchewan	March 2
5	Porcupine Plain, Saskatchewan	February 28
	Wakaw, Saskatchewan	March 7
6	Kerrobert, Saskatchewan	March 9
	Perdue, Saskatchewan	March 9
7	Gull Lake, Saskatchewan	February 13
	Herbert, Saskatchewan	February 13
8	Viking, Alberta	February 20
	Meadow Lake, Saskatchewan	March 8
9	Cardston, Alberta	March 9
	Foremost, Alberta	March 10
10	Stettler, Alberta	February 23
	Westaskiwin, Alberta	February 24
11	Westlock, Alberta	February 21
	La Crete, Alberta	March 7
	Spirit River, Alberta	March 8
	Valleyview, Alberta	March 8

The Board would like to express its appreciation to the Committee for having, as always, provided dedicated assistance and guidance during the 1988-89 crop year.

PART VI
FINANCIAL RESULTS AND NOTES TO FINANCIAL STATEMENTS

The Financial Statements of the Canadian Wheat Board including notes thereto for the crop year under review are presented in this section of the report. These statements consist of the Balance Sheet (Exhibit I), which sets forth the financial position of the Board as at July 31, 1989, together with other statements (Exhibits II to X) showing the results of Board operations for the year, all as tabulated in the index preceding the financial statements.

The practice of the Board is to include in its accounts at July 31, the final operating results of pool accounts where marketing operations have been completed before the issuance of the annual report. Operations on the 1988-89 pool accounts for wheat, amber durum wheat, barley and designated barley were completed on September 30, 1989, on December 31, 1989, for designated oats, and on March 9, 1990, for the regular oats pool. Details for the final operating results of these pool accounts with commentary thereon are presented in this section of the report.

Although the basic measurement for grain has been the "tonne" since February 1, 1978, for your information a tonne equals 36.74371 bushels of wheat, 64.84183 bushels of oats or 45.92963 bushels of barley.

TABLE A

STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS ON THE 1988-89 POOL ACCOUNT – WHEAT
For the period August 1, 1988, to September 30, 1989
with prior year figures for the 1987-88 Pool Account for comparison

	1988-89 Pool Account		1987-88 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers	14 218 367 tonnes		15 476 040 tonnes	
Sales Value	$2,904,265,681	$204.262	$2,059,496,820	$133.076
Initial Payments to Producers	2,377,546,508	167.217	1,744,509,029	112.723
Gross Surplus	526,719,173	37.045	314,987,791	20.353
Deduct Operating Costs:				
Carrying Charges:				
Country Elevators	43,576,178	3.065	37,105,198	2.398
Terminal Storage	14,168,229	.996	16,037,805	1.036
Total Carrying Charges	57,744,407	4.061	53,143,003	3.434
Bank Interest and Net Interest on other Board Accounts	(33,651,756)	(2.367)	(17,785,610)	(1.149)
Demurrage/Despatch	(3,302,045)	(.232)	(265,409)	(.017)
Additional Freight – to terminals	9,266,321	.652	10,542,410	.681
– freight rate change	1,675,231	.118	(1,513,861)	(.098)
Handling and Stop-off	(19,809)	(.001)	1,080,148	.070
Drying	32,299	.002	52,664	.003
Interest and Depreciation on Wheat Board Hopper Cars	7,627,680	.536	4,737,960	.306
Wheat Board Administrative Expenses	17,943,259	1.262	20,007,806	1.293
Total Operating Costs	57,315,587	4.031	69,999,111	4.523
Surplus on Operations	469,403,586	33.014	244,988,680	15.830
Deduct: Interim Payment	213,275,507	15.000	–	–
	256,128,079	18.014	244,988,680	15.830
Add: Interest earned after September 30	11,714,518	.824	6,814,351	.440
Deduct: Cost of issuing Interim and Final Payments	332,121	.024	136,272	.008
Deduct: Rebate on Producer Cars	119,016	.008	–	–
Balance for Distribution to Producers	$ 267,391,460	$ 18.806	$ 251,666,759	$ 16.262

POOL ACCOUNT – WHEAT

Initial Payments

At the beginning of the crop year the Board was authorized to purchase wheat from producers at a fixed initial price of $150.00 per tonne for No. 1 Canada Western Red Spring. Effective November 17, 1988, the initial price for No. 1 Canada Western Red Spring was increased to $170.00 per tonne.

Supplies of Wheat

Supplies of wheat in the 1988-89 Pool were 14 353 863 tonnes, comprised of 14 218 367 tonnes delivered by producers and 135 496 tonnes acquired from other than producers.

Grade Pattern

Deliveries of grain to the 1988-89 Pool Account were of substantially better quality compared with receipts in the previous pool. Deliveries of Nos. 1 and 2 Canada Western Red Spring totaled 12.286 million tonnes or 86.41 per cent of total receipts, while No. 3 Canada Western Red Spring receipts of 1.375 million tonnes amounted to only 9.67 per cent of total receipts. Deliveries of utility grades including Canada Western Feed amounted to .557 million tonnes or 3.92 per cent of total producer deliveries. Deliveries of tough and damp grades were similar to the previous year with approximately .74 per cent of producer deliveries grading tough and .03 per cent grading damp.

Final Statement of Operations and Surplus for Distribution to Producers – Wheat – Table A

Marketing operations on the Pool Account for wheat resulted in an operating surplus of $469,403,586. After deducting the interim payment of $213,275,507 made to producers in November 1989, providing for producer car rebates of $119,016, allowing for the cost of issuing the interim and the final payments and adding estimated interest earnings subsequent to September 30, 1989, the net surplus for distribution to producers amounted to $267,391,460. This net surplus represents an average of $18.806 on producer deliveries of 14 218 367 tonnes. Table B shows the total price realized by producers for No. 1 Canada Western Red Spring at $197.136 compared to $134.019 for the previous pool.

TABLE B

PAYMENTS RECEIVED BY PRODUCERS FOR PRINCIPAL GRADES OF WHEAT
BASIS IN STORE THUNDER BAY OR VANCOUVER

Grade	Initial Payments	Interim Payment	Final Payments	Total
		(Dollars per Tonne)		
Red Spring Wheat Grades				
No. 1 Canada Western Red Spring	$170.00	$15.00	$12.136	$197.136
No. 1 Canada Western Red Spring 13.5	172.21	15.00	22.496	209.706
No. 1 Canada Western Red Spring 14.5	175.21	15.00	25.459	215.669
No. 2 Canada Western Red Spring	164.21	15.00	11.976	191.186
No. 2 Canada Western Red Spring 13.5	165.21	15.00	16.466	196.676
No. 3 Canada Western Red Spring	150.21	15.00	16.896	182.106
No. 1 Canada Western Utility	154.21	15.00	19.666	188.876
No. 2 Canada Western Utility	137.21	15.00	17.666	169.876
Canada Western Feed	130.00	15.00	16.056	161.056
No. 1 Canada Western Red Winter	149.21	15.00	19.896	184.106
No. 2 Canada Western Red Winter	147.21	15.00	19.896	182.106
No. 1 Canada Western Soft White Spring	150.00	15.00	25.671	190.671
No. 2 Canada Western Soft White Spring	147.00	15.00	27.671	189.671

OPERATING COSTS

Operating costs incurred applicable to the pool were $57,315,587 or $4.031 per tonne. Details of the principal costs and comment thereon follows:

Carrying Charges – $57,744,407

Total carrying charges incurred by the Board, including storage and interest charges on wheat in country elevators and storage on wheat in terminal elevators, amounted to $57,744,407 or $4.061 per tonne.

Bank Interest and Net Interest on Other Board Accounts – ($33,651,756)

This amount consists mainly of bank interest and interest paid to, or received from, other Board accounts. Interest earned exceeded interest paid by $33,651,756 or $2.367 per tonne.

Additional Freight – to Terminals – $9,266,321
– Freight Rate Change – $1,675,231

During the crop year the Board paid $9,266,321 of additional freight arising out of the movement of grain in adverse direction.

With the abolition of the Crows Nest Pass Freight rate on December 31, 1983, freight rates are reviewed annually under the Western Grain Transportation Act. On August 1, 1989, freight rates increased by a net amount of approximately $.237 per tonne and the Board was required to pay the additional freight on the country stocks held by its agents on August 1, 1989, amounting to $1,675,231 in the Wheat Account.

Drying Charges – $32,299

Drying charges for 1988-89 totaled $32,299, a decrease from the previous year, reflecting the lower quantities of tough and damp grain delivered to the pool under review.

Interest and Depreciation on Wheat Board Hopper Cars – $7,627,680

Costs for the use of the Board's 2,000 hopper cars include depreciation and interest. Hopper car expenses attributable to the 1988-89 Wheat Account totaled $7,627,680 compared to $4,737,960 for the previous pool.

Administrative and General Expenses – $17,943,259

This item represents the portion of the cost of operating the Board, including salaries, fringe benefits to employees and the cost of operating the Board's head office premises as well as other branches in Canada and overseas that was charged to the Wheat Account. Since the Pool Accounts run for periods which overlap crop years, some part of the operating costs for two consecutive crop years are allocated to the Pool Accounts based on length of time the Pool Accounts were open and tonnage handled. Charges allocated to the 1988-89 Wheat Account were $17,943,259 or $1.262 per tonne on producer receipts of 14 218 367 tonnes compared with $20,007,806 or $1.293 per tonne on producer receipts of 15 476 040 tonnes for the previous pool.

Administrative and general expenses for the 1988 - 89 crop year from August 1, 1988, to July 31, 1989, totaled $28,483,006 compared to $28,213,583 for the 1987 - 88 crop year; an increase of $269,423 or .96 per cent.

POOL ACCOUNT – AMBER DURUM WHEAT

Initial Payments

At the beginning of the crop year the Board was authorized to purchase amber durum wheat from producers at a fixed initial price of $175.00 per tonne for No. 1 Canada Western Amber Durum Wheat. Effective March 13, 1989, the initial price for No. 1 Canada Western Amber Durum was increased to $190.00 per tonne.

Supplies of Amber Durum Wheat

Supplies of amber durum wheat in the 1988-89 Pool were 2 472 519 tonnes, comprised of 2 254 359 tonnes delivered by producers, 17 902 tonnes acquired from other than producers and 200 258 tonnes purchased from the previous pool.

Grade Pattern

Receipts of Nos. 1, 2 and 3 Canada Western Amber Durum totaled 2.184 million tonnes or 96.87 per cent of total producer deliveries. Approximately .25 per cent of producer deliveries graded tough while .03 per cent graded damp.

TABLE C

STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION
TO PRODUCERS ON THE 1988-89 POOL ACCOUNT – AMBER DURUM WHEAT
For the period August 1, 1988, to September 30, 1989
with prior year figures for the 1987-88 Pool Account for comparison

	1988-89 Pool Account		1987-88 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers	2 254 359 tonnes		2 708 407 tonnes	
Sales Value	$468,270,301	$207.718	$439,928,513	$162.431
Initial Payments to Producers	420,780,711	186.652	321,361,389	118.653
Gross Surplus	47,489,590	21.066	118,567,124	43.778
Deduct Operating Costs:				
Carrying Charges:				
Country Elevators	10,827,316	4.803	9,140,017	3.375
Terminal Storage	4,810,372	2.134	2,694,180	.995
Total Carrying Charges	15,637,688	6.937	11,834,197	4.370
Interest	1,018,487	.452	(1,452,155)	(.536)
Demurrage/Despatch	(499,446)	(.221)	(925,436)	(.342)
Additional Freight – to terminals	414,599	184	493,233	.182
– freight rate change	444,893	.197	(116,671)	(.043)
Handling and Stop-off	950	–	2,262	.001
Drying	870	–	926	–
Interest and Depreciation on Wheat Board Hopper Cars	1,209,389	.537	829,173	.306
Wheat Board Administrative Expenses	2,844,951	1.262	3,501,495	1.293
Total Operating Costs	21,072,381	9.348	14,167,024	5.231
Surplus on Operations	26,417,209	11.718	104,400,100	38.547
Add: Interest earned after September 30	843,053	.374	2,903,885	1.072
Deduct: Cost of issuing Final Payment	34,023	.015	32,024	.012
Deduct: Rebate on Producer Cars	12,197	.005	–	–
Balance for Distribution to Producers	$ 27,214,042	$ 12.072	$107,271,961	$ 39.607

TABLE D

PAYMENTS RECEIVED BY PRODUCERS FOR PRINCIPAL GRADES OF AMBER DURUM WHEAT
BASIS IN STORE THUNDER BAY OR VANCOUVER

Grade	Initial Payments	Final Payments	Total
		(Dollars per Tonne)	
Amber Durum Wheat Grades			
No. 1 Canada Western Amber Durum	**$190.00**	**$14.482**	$204.482
No. 2 Canada Western Amber Durum	**187.00**	**12.061**	199.061
No. 3 Canada Western Amber Durum	**185.00**	**7.529**	192.529
No. 4 Canada Western Amber Durum	**160.00**	**15.393**	175.393
No. 5 Canada Western Amber Durum	**125.00**	**27.139**	152.139

Final Statement of Operations and Surplus for Distribution to Producers – Amber Durum Wheat – Table C

Table C shows the operating results of the Pool Account for the crop year. Marketing operations resulted in a surplus of $26,417,209. Operating expenses totaled $21,072,381 for the year or $9.348 per tonne. The principal cost was carrying charges amounting to $15,637,688 or $6.937 per tonne. After allowing for producer car rebates, the cost of issuing the final payment and estimated interest earnings subsequent to September 30, 1989, the net surplus for distribution to producers was $27,214,042. This amount represents an overall average of $12.072 per tonne on producer deliveries of 2 254 359 tonnes. Table D shows the total payments received by producers for the principal grades of amber durum wheat delivered during the crop year. This table shows the total price realized by producers for No. 1 Canada Western Amber Durum Wheat of $204.482 per tonne, compared to $169.359 per tonne for the previous pool.

POOL ACCOUNT – OATS

Commencing August 1, 1981, as authorized by Order-in-Council, oats selected and accepted from producers for use in processing and milling for human consumption, has been set up in a separate pool under the caption "Designated Oats". As a result, the transactions described here consist mainly of marketing results related to Nos. 3 and 4 Canada Western Oats.

Initial Payments

At the beginning of the crop year the Board was authorized to purchase oats from producers at fixed initial prices of $160.00 and $154.00 per tonne for Nos. 3 and 4 Canada Western Oats respectively.

Supplies and Grade Pattern

Supplies in the regular Feed Oats Pool were 811 695 tonnes, comprised of 777 978 tonnes delivered by producers, 1 142 tonnes acquired from other than producers and 32 575 tonnes purchased from the previous pool. Deliveries of Nos. 1 and 2 Canada Western Oats comprised 4.00 per cent of producer deliveries, while Nos. 3 and 4 Canada Western Oats constituted 95.09 per cent of producer deliveries. Other Grades contributed .91 per cent of producer deliveries. Board receipts of tough and damp oats made up .45 per cent of deliveries.

Final Statement of Operations – Oats – Table E

Table E shows the operating results of the Pool Account for the 1988-89 crop year. Marketing operations resulted in a deficit of $32,361,239 which is recoverable from the Government of Canada with funds provided by Parliament. The total payments realized by producers is, therefore, equal to the initial payments as shown in Table F. Operating expenses totaled $12,725,183 or $16.357 per tonne. The principal cost was carrying charges amounting to $6,474,229 or $8.322 per tonne.

POOL ACCOUNT – DESIGNATED OATS

Commencing August 1, 1981, as authorized by Order-in-Council, oats selected and accepted from producers for use in processing and milling for human consumption, has been set up in a separate account. This account has been labeled "Designated Oats" and the results of operations on this account with comment thereon are contained in this section of the report.

Initial Payments

At the beginning of the crop year the Board was authorized to purchase designated oats from producers at fixed initial prices of $195.00, $191.00 and $189.00 per tonne for Nos. 1, 2 and 3 Canada Western Oats respectively.

Supplies and Grade Pattern

Supplies of oats in the Designated Pool were 222 987 tonnes representing deliveries to the Board by producers during the crop year of oats which were selected and accepted by purchasers for use in processing and milling for human consumption. Receipts of Nos. 1, 2 and 3 Canada Western Oats totaled 22 288, 31 303 and 169 032 tonnes or 10.00 per cent, 14.04 per cent and 75.80 per cent respectively of total deliveries. The remaining 364 tonnes were No. 4 Canada Western Oats.

Final Statement of Operations and Surplus for Distribution to Producers – Designated Oats – Table G

Table G shows the operating results of this Pool Account for the crop year. Marketing operations resulted in

TABLE E

STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION
TO PRODUCERS ON THE 1988-89 POOL ACCOUNT - OATS
For the period August 1, 1988, to March 9, 1990
with prior year figures for the 1987-88 Pool Account for comparison

	1988-89 Pool Account		1987-88 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers	777 978 tonnes		256 132 tonnes	
Sales Value	$104,688,427	$134.565	$33,376,896	$130.311
Initial Payments to Producers	124,324,483	159.805	23,100,925	90.191
Gross (Deficit) Surplus	(19,636,056)	(25.240)	10,275,971	40.120
Deduct Operating Costs:				
Carrying Charges:				
Country Elevators	4,408,605	5.667	539,261	2.105
Terminal Storage	2,065,624	2.655	602,275	2.352
Total Carrying Charges	6,474,229	8.322	1,141,536	4.457
Interest	3,372,879	4.335	(149,220)	(.583)
Demurrage/Despatch	(47,455)	(.061)	47,455	.185
Additional Freight – to terminals	1,396,375	1.795	272,321	1.063
– freight rate change	24,552	.032	(2,263)	(.009)
Handling and Stop-off	2,872	.004	1,023	.004
Drying	309	–	4,133	.016
Interest and Depreciation on Wheat Board Hopper Cars	417,360	.537	85,409	.334
Wheat Board Administrative Expenses	1,084,062	1.393	331,134	1.293
Total Operating Costs	12,725,183	16.357	1,731,528	6.760
(Deficit) Surplus on Operations	$(32,361,239)	$(41.597)	8,544,443	33.360
Add: Interest earned after September 30			237,663	.928
Deduct: Cost of issuing Final Payment			8,403	.033
Balance for Distribution to Producers			$ 8,773,703	$ 34.255

TABLE F

PAYMENTS RECEIVED BY PRODUCERS FOR PRINCIPAL GRADES OF OATS
BASIS IN STORE THUNDER BAY OR VANCOUVER

Grade	Initial Payments (Dollars per Tonne)
Oats Grades	
No. 1 Canada Western	$165.00
No. 2 Canada Western	163.00
No. 3 Canada Western	160.00
No. 4 Feed	154.00

a surplus of $3,327,644. As to operating costs, it should be noted that the Designated Oats Pool, by its very nature does not incur the handling expenses normally related to feeding grades of oats. It is not stored by the Board, being selected by the purchaser and shipped at his request from farm to processing plant via the country elevator. As a result, the only expenses attributable to such oats were costs related to hopper cars owned by the Wheat Board and administrative charges totaling $418,618 or $1.877 per tonne. These expenses were reduced by interest earnings of $389,010 or $1.744 per tonne on the accumulating surplus in the pool. After providing for the cost of issuing the final payment and adding estimated interest earnings subsequent to December 31, 1989, the net surplus for distribution to producers was $3,375,757 or $15.139 per tonne on producer deliveries of 222 987

TABLE G

STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION
TO PRODUCERS ON THE 1988-89 POOL ACCOUNT – DESIGNATED OATS
For the period August 1, 1988, to December 31, 1989
with prior year figures for the 1987-88 Pool Account for comparison

	1988-89 Pool Account		1987-88 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers	222 987 tonnes		76 321 tonnes	
Sales Value	$45,694,544	$204.920	$10,464,244	$137.108
Initial Payments to Producers	42,337,292	189.864	9,261,146	121.344
Gross Surplus	3,357,252	15.056	1,203,098	15.764
Deduct Operating Costs:				
Interest and Bank Charges	(389,010)	(1.744)	(86,990)	(1.140)
Interest and Depreciation on Wheat Board Hopper Cars	119,625	536	25,450	.334
Wheat Board Administrative Expenses	298,993	1.341	98,670	1.293
Total Operating Costs	29,608	133	37,130	.487
Surplus on Operations	3,327,644	14.923	1,165,968	15.277
Add: Interest earned after December 31 (1987-88 September 30)	54,602	.245	32,431	.425
Deduct: Cost of issuing Final Payment	6,489	.029	1,135	.015
Balance for Distribution to Producers	$ 3,375,757	$ 15.139	$ 1,197,264	$ 15.687

TABLE H

PAYMENTS RECEIVED BY PRODUCERS FOR PRINCIPAL GRADES OF DESIGNATED OATS
BASIS IN STORE THUNDER BAY OR VANCOUVER

Grade	Initial Payments	Final Payments	Total
	(Dollars per Tonne)		
Oats Grades			
No. 1 Canada Western	$195.00	$18.900	$213.900
No. 2 Canada Western	191.00	16.400	207.400
No. 3 Canada Western	189.00	14.400	203.400

tonnes. Table H shows the total payments received by producers for the principal grades of designated oats delivered during the crop year.

POOL ACCOUNT – BARLEY

Since August 1, 1975, as authorized by Order-in-Council, barley selected and accepted from producers for use in malting, pot or pearling, has been set up in a separate pool under the caption "Designated Barley". As a result, the transactions remaining in the Barley Pool Account described here consist mainly of marketing results related to feeding grades of barley.

Initial Payments

At the beginning of the crop year the Board was authorized to purchase barley from producers at fixed initial

TABLE I

STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS ON THE 1988-89 POOL ACCOUNT – BARLEY
For the period August 1, 1988, to September 30, 1989
with prior year figures for the 1987-88 Pool Account for comparison

	1988-89 Pool Account		1987-88 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers	4 035 425 tonnes		2 224 961 tonnes	
Sales Value	$524,616,931	$130.003	$169,959,254	$76.388
Initial Payments to Producers	483,922,812	119.919	144,395,122	64.898
Gross Surplus	40,694,119	10.084	25,564,132	11.490
Deduct Operating Costs:				
Carrying Charges:				
Country Elevators	10,930,743	2.709	639,467	.288
Terminal Storage	2,425,508	.601	1,279,713	.575
Total Carrying Charges	13,356,251	3.310	1,919,180	.863
Interest	288,533	.072	(2,940,186)	(1.322)
Demurrage/Despatch	(334,009)	(.083)	2,678,089	1.204
Additional Freight – to terminals	1,755,367	.435	864,102	.388
– freight rate change	1,581,659	.392	(359,295)	(.161)
Handling and Stop-off	–	–	7,554	.003
Drying	402	–	31,258	.014
Interest and Depreciation on Wheat Board Hopper Cars	2,164,871	.536	681,168	.306
Wheat Board Administrative Expenses	5,092,615	1.262	2,876,485	1.293
Total Operating Costs	23,905,689	5.924	5,758,355	2.588
Surplus on Operations	16,788,430	4.160	19,805,777	8.902
Add: Interest earned after September 30	535,769	.133	550,897	.248
Deduct: Cost of issuing Final Payment	62,033	.015	38,838	.018
Deduct: Rebate on Producer Cars	55,037	.014	–	–
Balance for Distribution to Producers	$ 17,207,129	$ 4.264	$ 20,317,836	$ 9.132

TABLE J

PAYMENTS RECEIVED BY PRODUCERS FOR PRINCIPAL GRADES OF BARLEY
BASIS IN STORE THUNDER BAY OR VANCOUVER

Grade	Initial Payments	Final Payments (Dollars per Tonne)	Total
Barley Grades			
No. 1 Canada Western	$120.00	$4.225	$124.225
No. 2 Canada Western	117.00	6.535	123.535
Mixed Grain Canada Western Barley	107.45	4.225	111.675

prices of $120.00 and $117.00 per tonne for Nos. 1 and 2 Canada Western Barley respectively.

Supplies and Grade Pattern

Supplies in the regular Feed Barley Pool were 4 104 490 tonnes comprised of 4 035 425 tonnes delivered by producers and 69 065 tonnes acquired from other than producers. Deliveries of Nos. 1 and 2 Canada Western Barley comprised 99.88 per cent of the producer deliveries in the pool. Board receipts of tough and damp barley made up .56 per cent of deliveries.

Final Statement of Operations and Surplus for Distribution to Producers – Barley – Table I

Table I shows the operating results of the Pool Account for the crop year. Marketing operations resulted in a surplus of $16,788,430. Operating expenses totaled $23,905,689 for the year or $5.924 per tonne. The principal cost was carrying charges amounting to $13,356,251 or $3.310 per tonne. After allowing for the cost of issuing the final payment and estimated interest earnings subsequent to September 30, 1989, the net surplus for distribution to producers was $17,207,129. This amount represents an overall average of $4.264 per tonne on producer deliveries of 4 035 425 tonnes. Table J shows the total payments received by producers for the principal grades of barley delivered during the crop year.

POOL ACCOUNT – DESIGNATED BARLEY

As stated previously, since August 1, 1975, as authorized by Order-in-Council, barley selected and accepted from producers for use in malting, pot or pearling, has been set up in a separate pool account. This account has been labeled "Designated Barley" and the results of operations on this account with comment thereon are contained in this section of the report.

Initial Payments

At the beginning of the crop year the Board was authorized to purchase designated barley from producers at a fixed initial price of $180.00 per tonne for Special Select Canada Western Six-Row and $190.00 per tonne for Special Select Canada Western Two-Row.

Supplies and Grade Pattern

Supplies of barley in the Designated Pool were 1 074 488 tonnes representing deliveries to the Board by producers during the crop year of barley which has been selected and accepted by purchasers for the use in malting, pot or pearling. Of these receipts 260 427 tonnes or 24.24 per cent were Special Select grades and 744 774 tonnes or 69.31 per cent were Select grades. Receipts of tough and damp grades totaled 6 698 tonnes or .62 per cent of total.

Final Statement of Operations and Surplus for Distribution to Producers – Designated Barley – Table K

Table K shows the operating results of this Pool Account for the crop year. Marketing operations resulted in a surplus of $36,896,178. As to operating costs, it should be noted that the Designated Barley Pool by its very nature does not incur the handling expenses normally related to feeding grades of barley or other grains. It is not stored by the Board, being selected by the processor (buyer) from a producer's sample and is shipped on buyer's call directly from farm to processing plant via the country elevator. As a result the only expenses attributable to such barley were costs related to hopper cars

owned by the Wheat Board, and administrative charges totaling $1,932,406 or $1.799 per tonne. These expenses were reduced by interest earnings and demurrage adjustments of $3,314,361 or $3.085 per tonne. After deducting the interim payment of $16,117,320 made to producers in November 1989 providing for the cost of issuing the interim and the final payments and adding estimated interest earnings subsequent to September 30, 1989, the net surplus for distribution to producers was $21,685,451 or $20.182 per tonne on producer deliveries of 1 074 488 tonnes. Table L shows the total payments received by producers for the principal grades of designated barley delivered during the crop year.

TABLE K

STATEMENT OF OPERATIONS AND SURPLUS FOR DISTRIBUTION TO PRODUCERS ON THE 1988-89 POOL ACCOUNT – DESIGNATED BARLEY
For the period August 1, 1988, to September 30, 1989
with prior year figures for the 1987-88 Pool Account for comparison

	1988-89 Pool Account		1987-88 Pool Account	
	Amount	Rate per Tonne	Amount	Rate per Tonne
Receipts from Producers	1 074 488 tonnes		1 022 885 tonnes	
Sales Value	$231,435,674	$215.391	$149,710,238	$146.361
Initial Payments to Producers	195,921,451	182.339	130,135,153	127.224
Gross Surplus	35,514,223	33.052	19,575,085	19.137
Deduct Operating Costs:				
Interest	(3,266,267)	(3.040)	(2,004,837)	(1.960)
Demurrage/Despatch	(48,094)	(.045)	(128,420)	(.126)
Interest and Depreciation on Wheat Board Hopper Cars	576,427	.537	341,086	.334
Wheat Board Administrative Expenses	1,355,979	1.262	1,322,411	1.293
Total Operating Costs	(1,381,955)	(1.286)	(469,760)	(.459)
Surplus on Operations	36,896,178	34.338	20,044,845	19.596
Deduct: Interim Payment	16,117,320	15.000	–	–
	20,778,858	19.338	20,044,845	19.596
Add: Interest earned after September 30	935,670	.871	557,547	.545
Deduct: Cost of issuing Interim and Final Payments	29,077	.027	10,448	.010
Balance for Distribution to Producers	$ 21,685,451	$ 20.182	$ 20,591,944	$ 20.131

TABLE L

PAYMENTS RECEIVED BY PRODUCERS FOR PRINCIPAL GRADES OF DESIGNATED BARLEY
BASIS IN STORE THUNDER BAY OR VANCOUVER

Grade	Initial Payments	Interim Payment	Final Payments	Total
	(Dollars per Tonne)			
Designated Barley Grades				
Special Select Canada Western Two-Row	$190.00	$15.00	$17.750	$222.75
Special Select Canada Western Six-Row	180.00	15.00	19.100	214.10
Select Canada Western Two-Row	185.00	15.00	20.250	220.25
Select Canada Western Six-Row	175.00	15.00	21.600	211.60

NOTES TO FINANCIAL STATEMENTS

The following are an integral part of the financial statements.

(1) ACCOUNTING POLICIES

(a) Operating Results and Valuation of Stocks of Grain

The annual accounts at July 31 include the final operating results of all pool accounts for the crop year ended July 31, where marketing operations have been completed before the issuance of the annual report for that year. In determining the financial results for such pools , the accounts of the Board at July 31 include:

(i) the stocks of such grains on hand at that date at the values which were ultimately received from the sale thereof basis instore Thunder Bay, Vancouver or Churchill; and

(ii) provision for all expenses incurred or to be incurred before the sales proceeds are realized in cash or in bills of exchange, including a charge for the portion of administrative and general expenses to be incurred subsequent to July 31 but relating to the marketing and accounting for the grains in the various pools before they are closed.

For pool accounts for which marketing operations have not been completed before the issuance of the annual report, the unsold stocks at July 31 are valued at cost, which is the initial price paid to producers, and no provision is made for carrying costs, interest, and administrative expenses beyond that date. Any debit or credit balance is carried on the balance sheet.

(b) Foreign Currency Translations

Bills of exchange receivable in United States funds which are covered by forward exchange contracts are translated at the contract rates. In all other cases, bills of exchange receivable and bank loans payable in United States funds are translated at the rate of exchange in effect as at the balance sheet date.

Foreign exchange adjustments arising from conversion of bills of exchange and bank loans are included in operating results.

(c) Depreciation

The rates of depreciation being applied are intended to fully depreciate assets over their expected lives and are as follows:

Hopper cars	30 years
Office building	40 years
Office furniture and equipment	10 years
Automotive equipment	2 years (to 1/3 residual value)

(d) Administration and General Expenses

Administration and general expenses, except for that portion of such expenses attributable to distributing final payments to producers, are allocated to the various pool account operations to which the services relate on the basis of the relative tonnage. Expenses attributable to final payments are allocated on the basis of the number of producers receiving payments from the various pool accounts.

(2) BILLS OF EXCHANGE PLUS ACCRUED INTEREST

Of the total bills of exchange receivable, $1,619,309,884 (1988 – $1,477,962,712) represents the Canadian equivalent of $1,371,366,772 (1988 – $1,220,246,624) repayable in United States funds.

The balances receivable arise from sales of grain to Algeria, Brazil, Bangladesh, Egypt, Ethiopia, Haiti, Iraq, Israel, Jamaica, Mexico, Peru, Poland and Zambia. The terms call for payment in full within 36 months or less from time of shipment, except for Brazil, Egypt, Haiti, Jamaica, Mexico, Peru, Poland and Zambia where the Board, together with the Canadian Government, have agreed to reschedule certain receivables beyond their original maturity dates. Terms of such reschedulings call for payment of interest and the rescheduled debt within 10 years. As at July 31, 1989, total reschedulings amounted to $3,088,748,737 including $1,172,397,436 which is the Canadian equivalent of $992,884,008 receivable in United States funds.

During the crop year the Board together with the Government of Canada concluded a bilateral rescheduling agreement with Poland, rescheduling over a 10-

year period amounts due and not paid, on all prior rescheduling agreements to December 31, 1987, including post maturity interest. Under this agreement the amounts which were due to mature in the year ending December 31, 1988, have also been rescheduled. The amounts subject to this rescheduling total $608,190,585 which includes the Canadian equivalent of $214,105,270 receivable in United States funds.

Subsequent to the year end, a multilateral arrangement was reached between Poland and official creditors under which the amounts in arrears at December 31, 1989, and all amounts falling due between January 1, 1990, and March 31, 1991, are to be rescheduled. Post maturity interest due and not paid on these amounts is also subject to rescheduling. As at July 31, 1989, the amounts in the accounts of the Board which are subject to this arrangement total $662,025,046 which includes the Canadian equivalent of $259,962,425 receivable in United States funds. Of these respective amounts, amounts due and not paid from Poland as at July 31, 1989, total $271,449,947 which includes the Canadian equivalent of $99,149,487 receivable in United States funds.

During the crop year, ending July 31, 1986, the Government of Canada and other creditor nations agreed to a further deferral of certain Zambian obligations that had earlier been rescheduled. The bilateral agreement to reschedule payments due and not paid as at December 31, 1985, and due and not paid for the period January 1, 1986, to December 31, 1986, has yet to be negotiated. The accounts of the Board at July 31, 1989, include $15,058,519 which may be subject to this rescheduling.

Subsequent to the crop year the Board together with the Government of Canada concluded a bilateral rescheduling agreement with Jamaica, rescheduling over a 10-year period certain obligations due and not paid for the period June 1, 1988, to November 30, 1989. The accounts of the Board at July 31, 1989, include $1,408,296 which was subject to this rescheduling agreement.

Credit sales are made within limits established by the Government of Canada which guarantees the Board's borrowings incurred to finance such sales, both as to principal and interest. Because of these guarantees, the Board does not consider itself to be at risk should any of the unpaid amounts prove to be uncollectable; therefore, no provision is made in its accounts with respect to the possibility of debtors defaulting on their obligations.

(3) ACCOUNTS RECEIVABLE

Settlement on amounts due on completed sales as at July 31 were received shortly after that date. Sundry accounts receivable consists mainly of freight costs which are recovered on completed sales.

(4) COVERED HOPPER CARS

The Board purchased 2,000 covered hopper cars in 1979-80 having an original cost of $90,555,623. Of these 2,000 cars, 44 cars have been wrecked and dismantled leaving 1,956 still in the fleet having an original cost of $88,563,399 with accumulated depreciation of $28,047,362 to July 31, 1989. The Board is reimbursed for destroyed cars under an operating agreement with the Canadian National Railway.

(5) DEFERRED CHARGES – TRADE

During the latter part of the previous crop year, because the initial prices for the current crop year beginning August 1st were to be subsantially higher, producers delivered significant quantities of grain to elevator companies which are Board agents and placed it on storage, to be sold to the agents after the beginning of the new crop year. The Board, in order to meet its sales commitments in the 1987-88 crop year, purchased wheat, durum and barley which had been placed on storage, from some of its agents. In those instances, where some of the agents had delivered grain to the Board in excess of their purchases from producers during the 1987-88 crop year, the agents had over-delivered their country liability to the Board. In the case of barley, the over-delivered stocks were also sold resulting in the barley pool being oversold at the end of the 1987-88 crop year.

The value of the over-deliveries totaled $103,288,839 and this was recorded as an advance purchase of the 1988-89 crop. The over-sold barley position which resulted in net revenue of $31,897,681 was treated as an advance sale of the 1988-89 crop and netted against the advance purchases. All other charges related to the over-delivered and over-sold positions have been appropriately adjusted between the pool accounts.

This situation did not recur in the 1988-89 pool accounts.

(6) LIABILITY TO BANKS

Details of liability to banks are as follows:

	July 31	
	1989	1988
Ordinary Operations		
Funds on deposit	$ (88,352,406)	
Bank loans		$ 29,342,978
Loans to finance credit sales	3,707,960,437	3,581,450,759
	$3,619,608,031	$3,610,793,737

Of the total liability $1,605,838,592 (1988 – $1,460,724,971) represents the Canadian equivalent of $1,359,958,157 (1988 – $1,206,014,672) repayable in United States funds.

The Board's borrowings are guaranteed by the Government of Canada.

(7) LIABILITY TO AGENTS FOR GRAIN PURCHASED FROM PRODUCERS

Grain companies acting in the capacity of agents of the Board accept deliveries from producers at country elevators and pay the producers on behalf of the Board based on the Board's initial price in effect. Settlement is not made by the Board for these purchases until delivery to the Board is completed by its agents at terminal or mill position. Liability to agents amounting to $569,415,254 (1988 – $11,265,153) represents the amount payable by the Board to its agents for 3 809 559 (1988 – 93 990) tonnes of grain on hand at country elevator points and in transit at July 31 for which delivery to and settlement by the Board is to be completed subsequent to year end date.

(8) LIABILITY TO AGENTS FOR DEFERRED CASH TICKETS

Grain companies as agents of the Board, deposit with the Board in trust an amount equal to the deferred cash tickets issued for Board grain. These monies are returned to the grain companies to cover producer deferred cash tickets maturing predominately during the first days of the following calendar year.

(9) ACCRUED EXPENSES AND ACCOUNTS PAYABLE

This item principally comprises accrued carrying charges, storage, interest and transportation charges to July 31, 1989, together with all other unpaid sundry accounts as at the foregoing date. It also includes provisions for all charges relating to the marketing of pool accounts for the period from August 1, 1989, to completion of operations on September 30, 1989, for wheat, amber durum wheat, barley and designated barley, and December 31, 1989, for designated oats, and March 9, 1990, for the regular oats pool.

(10) SPECIAL ACCOUNT – NET BALANCE OF UNDISTRIBUTED PAYMENT ACCOUNTS

In accordance with the provision of Section 30 of the Canadian Wheat Board Act the Governor in Council may authorize the Board to transfer to a Special Account the unclaimed balances remaining in payment accounts which have been payable to producers for a period of six years or more. In addition to providing for payment of proper claims from producers against these old payment accounts, the Section further provides that these funds shall be used for purposes as the Governor in Council upon the recommendations of the Board may deem to be for the benefit of producers.

(11) PROVISION FOR FINAL PAYMENT EXPENSES

This item represents the balance of the Board's reserve for final payment expenses of pool accounts that have been closed. Six years after particular accounts have been closed, the remaining reserves for these pools are transferred to the special account by Order-in-Council.

(12) LEASE COMMITMENTS

The Board, as an agent of Her Majesty in Right of Canada, is the lessor of 2,000 covered hopper cars for the Government of Canada. All lease costs are recoverable from the Government and are not a charge to the operations of the Board. Total payments associated with leases in the year ended July 31, 1989, amounting to $13,908,244 (1988 – $16,110,582) have been recovered by the Board. Lease terms are for 20 and 25 years.

ACKNOWLEDGEMENTS

The Board wishes to express its appreciation for the efforts that were made by the officers and employees of the country elevator companies, the railway companies, terminal elevator companies, export agents, lake vessel operators and all those who participated in the sale and shipment of Prairie grain.

We would also like to record our appreciation for the loyal and conscientious services rendered by officers and staff of the Board.

This report is respectfully submitted.

W. E. JARVIS
Chief Commissioner

R. L. KRISTJANSON
Assistant Chief Commissioner

F. M. HETLAND
Commissioner

W. H. SMITH
Commissioner

R. H. KLASSEN
Commissioner

1 METRIC TONNE (For All Grains) — **2,204.6226 pounds**

1 Metric Tonne = Bushels

Wheat	36.743 710
Durum Wheat	36.743 710
Oats	64.841 841
Barley	45.929 638
Rye	39.368 261
Flaxseed	39.368 261
Canola	44.092 452
Corn	39.368 261

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Balance Sheet

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Statement of Operations, 1988-89 Pool Account – Wheat

Exhibit III
Statement of Operations, 1988-89 Pool Account – Amber Durum Wheat

Exhibit IV
Statement of Operations, 1988-89 Pool Account – Oats

Exhibit V
Statement of Operations, 1988-89 Pool Account – Designated Oats

Exhibit VI
Statement of Operations, 1988-89 Pool Account – Barley

Exhibit VII
Statement of Operations, 1988-89 Pool Account – Designated Barley

Exhibit VIII
Statement of Administrative and General Expenses and Allocations to Operations for the Year ended July 31, 1989

Exhibit IX
Statement of Advance Payments to Producers under the Prairie Grain Advance Payments Act

Exhibit X
Statement of Special Account Transactions

AUDITORS' REPORT

NOTES:

EXHIBIT I

BALANCE SHEET AS AT JULY 31, 1989

(with prior year figures for comparison)

	1989	1988
ASSETS		
Stocks of Grain: (Note 1(a))		
– Wheat	$ 646,419,957	$ 51,855,201
– Durum	130,206,714	119,446,586
– Oats	26,098,738	12,127,201
– Designated Oats	2,688,284	298,140
– Barley	187,609,928	–
– Designated Barley	31,308,222	14,530,982
	1,024,331,843	198,258,110
Bills of exchange plus accrued interest (Note 2)	3,701,171,827	3,572,718,038
Accounts receivable (Note 3)		
Amounts due on completed sales	53,450,801	46,258,233
Sundry	17,761,236	28,999,520
Prairie Grain Advance Payments Act	44,633,801	116,665,207
Due from the Government of Canada re: deficit on Pool Account operations: 1988-89 Pool Account – Oats	32,361,239	–
The Canadian Wheat Board Building, Winnipeg, at cost less depreciation	1,611,503	1,721,640
Covered hopper cars, at cost less depreciation (Note 4)	60,516,037	63,568,184
Office furniture, equipment and automobiles, at cost less depreciation	1,190,416	977,190
Deferred charges – Trade (Note 5)	–	71,391,158
Deferred and prepaid expenses	1,999,562	1,973,456
	$4,939,028,265	$4,102,530,736

THE CANADIAN WHEAT BOARD

LIABILITIES	1989	1988
Liability to banks (Note 6)	$3,619,608,031	**$3,610,793,737**
Liability to agents for grain purchased from producers (Note 7)	569,415,257	**11,265,153**
Liability to agents for deferred cash tickets (Note 8)	102,811,770	**40,452,058**
Accrued expenses and accounts payable (Note 9)	86,520,811	**31,152,492**
Outstanding adjustment and final payment cheques to producers:		
– Wheat	454,024	2,087,570
– Durum	305,741	600,940
– Oats	19,060	36,247
– Designated Oats	–	432
– Barley	44,627	165,107
– Designated Barley	8,396	154,752
Special Account - net balance of undistributed payment accounts (Note 10)	4,272,574	5,986,523
Provision for final payment expenses (Note 11)	2,734,927	885,912
Surpluses resulting from operations:		
Pool Account:		
– Wheat	469,403,586	244,988,680
– Durum	26,417,209	104,400,100
– Oats	–	8,544,443
– Designated Oats	3,327,644	1,165,968
– Barley	16,788,430	19,805,777
– Designated Barley	36,896,178	20,044,845
	$4,939,028,265	**$4,102,530,736**

EXHIBIT II

1988-89 POOL ACCOUNT – WHEAT

For the period August 1, 1988, to completion of operations on September 30, 1989
(with prior year figures for the 1987-88 Pool Account for comparison)

Wheat acquired:
- Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver .....
- Net tonnes acquired from the adjustment of overages and shortages, etc., at country and terminal elevators at Board initial prices basis in store Thunder Bay or Vancouver .....
- Purchased from prior year Pool Account – Wheat .....

Wheat sold:
- Completed sales to July 31 basis in store Thunder Bay, Vancouver or Churchill:
  - Domestic .....
  - Export .....
  - Weight losses in transit and in drying .....

Wheat stocks – being Wheat stocks on hand at July 31 stated at the ultimate value received from the sale thereof, basis in store Thunder Bay, Vancouver or Churchill:
- Completed sales for the period subsequent to July 31:
  - Domestic .....
  - Export .....
  - Sale to the subsequent Pool Account – Wheat .....

Surplus on Wheat transactions .....

Operating costs:
- Carrying charges:
  - Carrying charges on Wheat stored in country elevators .....
  - Storage on Wheat stored in terminal elevators .....
- Interest, bank charges and net interest on other Board accounts .....
- Demurrage/Despatch .....
- Additional freight – Wheat shipped from country stations to terminal position .....
  – freight rate change .....
- Handling and stop-off on Wheat warehoused at interior terminals .....
- Drying charges .....
- Interest and depreciation on Wheat Board hopper cars .....
- Wheat Board administrative and general expenses .....

Surplus on operations of the Board on the Pool Account – Wheat, for the period from August 1, 1988, to September 30, 1989 (1987-88 September 30, 1988) .....

THE CANADIAN WHEAT BOARD

STATEMENT OF OPERATIONS

1988-89			1987-88	
Tonnes	Amount		Tonnes	Amount
14 218 367	$2,377,546,508		15 476 040	$1,744,509,029
135 496	23,334,599		63 217	6,959,936
–	–		564 443	68,458,164
14 353 863	2,400,881,107		16 103 700	1,819,927,129
1 437 233			957 760	
9 691 155			14 756 905	
471			2 279	
11 128 859	2,281,180,323		15 716 944	2,083,059,719
258 526			–	
1 359 387			386 756	
1 607 091			–	
3 225 004	646,419,957		386 756	51,855,201
14 353 863	2,927,600,280		16 103 700	2,134,914,920
	526,719,173			314,987,791
	43,576,178			37,105,198
	14,168,229			16,037,805
	57,744,407			53,143,003
	(33,651,756)			(17,785,610)
	(3,302,045)			(265,409)
	9,266,321			10,542,410
	1,675,231			(1,513,861)
	(19,809)			1,080,148
	32,299			52,664
	7,627,680			4,737,960
	17,943,259			20,007,806
	57,315,587			69,999,111
	$ 469,403,586			$ 244,988,680

EXHIBIT III

1988-89 POOL ACCOUNT – AMBER DURUM WHEAT

For the period August 1, 1988, to completion of operations on September 30, 1989
(with prior year figures for the 1987-88 Pool Account for comparison)

Durum acquired:
- Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver .....
- Net tonnes acquired from the adjustment of overages and shortages, etc., at country and terminal elevators at Board initial prices basis in store Thunder Bay or Vancouver .....
- Purchased from prior year Pool Account – Durum .....

Durum sold:
- Completed sales to July 31 basis in store Thunder Bay, Vancouver or Churchill:
  - Domestic .....
  - Export .....
  - Weight losses in transit and in drying .....

Durum stocks – being Durum stocks on hand at July 31 stated at the ultimate value received from the sale thereof, basis in store Thunder Bay, Vancouver or Churchill:
- Completed sales for the period subsequent to July 31:
  - Domestic .....
  - Export .....
  - Sale to the subsequent Pool Account – Durum .....

Surplus on Amber Durum Wheat transactions .....

Operating costs:
- Carrying charges:
  - Carrying charges on Durum stored in country elevators .....
  - Storage on Durum stored in terminal elevators .....
- Interest and bank charges .....
- Demurrage/Despatch .....
- Additional freight – Durum shipped from country stations to terminal position .....
  - freight rate change .....
- Handling and stop-off on Durum warehoused at interior terminals .....
- Drying charges .....
- Interest and depreciation on Wheat Board hopper cars .....
- Wheat Board administrative and general expenses .....

Surplus on operations of the Board on the Pool Account – Durum, for the period from August 1, 1988, to September 30, 1989 (1987-88 September 30, 1988) .....

THE CANADIAN WHEAT BOARD

STATEMENT OF OPERATIONS

1988-89			1987-88	
Tonnes	Amount		Tonnes	Amount
2 254 359	$420,780,711		2 708 407	$321,361,389
17 902	3,306,710		15 103	1,810,663
200 258	33,626,638		621 128	76,928,140
2 472 519	457,714,059		3 344 638	400,100,192
128 456			125 607	
1 627 519			2 548 938	
2 537			2 713	
1 758 512	374,996,935		2 677 258	399,220,730
36 667			36 432	
252 555			430 690	
424 785			200 258	
714 007	130,206,714		667 380	119,446,586
2 472 519	505,203,649		3 344 638	518,667,316
	47,489,590			118,567,124
	10,827,316			9,140,017
	4,810,372			2,694,180
	15,637,688			11,834,197
	1,018,487			(1,452,155)
	(499,446)			(925,436)
	414,599			493,233
	444,893			(116,671)
	950			2,262
	870			926
	1,209,389			829,173
	2,844,951			3,501,495
	21,072,381			14,167,024
	$ 26,417,209			$104,400,100

EXHIBIT IV

1988-89 POOL ACCOUNT – OATS

For the period August 1, 1988, to completion of operations on March 9, 1990
(with prior year figures for the 1987-88 Pool Account for comparison)

Oats acquired:
- Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver .....
- Net tonnes acquired from the adjustment of overages and shortages, etc., at country and terminal elevators at Board initial prices basis in store Thunder Bay or Vancouver .....
- Purchased from prior year Pool Account – Oats .....

Oats sold:
- Completed sales to July 31 basis in store Thunder Bay or Vancouver .....
- Weight losses in transit and in drying .....

Oats stocks – being Oats stocks on hand at July 31 stated at the ultimate value received from the sale thereof, basis in store Thunder Bay or Vancouver:
- Completed sales for the period subsequent to July 31 .....
- Sale to the subsequent Pool Account – Oats .....

(Deficit) Surplus on Oats transactions .....

Operating costs:
- Carrying charges:
  - Carrying charges on Oats stored in country elevators .....
  - Storage on Oats stored in terminal elevators .....
- Interest and bank charges .....
- Demurrage/Despatch .....
- Additional freight – Oats shipped from country stations to terminal position .....
  - freight rate change .....
- Handling and stop-off .....
- Drying charges .....
- Interest and depreciation on Wheat Board hopper cars .....
- Wheat Board administrative and general expenses .....

(Deficit) Surplus on operations of the Board on the Pool Account – Oats for the period from August 1, 1988, to March 9, 1990 (1987-88 September 30, 1988) .....

THE CANADIAN WHEAT BOARD

STATEMENT OF OPERATIONS

1988-89		1987-88	
Tonnes	Amount	Tonnes	Amount
777 978	$124,324,483	256 132	$23,100,925
1 142	184,604	386	33,409
32 575	5 918,150	70 285	8,865,289
811 695	130,427,237	326 803	31,999,623
555 953	84,692,443	251 141	30,148,393
11	–	20	–
255 731	26,098,738	43 067	6,209,051
–	–	32 575	5,918,150
811 695	110,791,181	326 803	42,275,594
	(19,636,056)		10,275,971
	4,408,605		539,261
	2,065,624		602,275
	6,474,229		1,141,536
	3,372,879		(149,220)
	(47,455)		47,455
	1,396,375		272,321
	24,552		(2,263)
	2,872		1,023
	309		4,133
	417,360		85,409
	1,084,062		331,134
	12,725,183		1,731,528
	$ (32,361,239)		$ 8,544,443

EXHIBIT V

1988-89 POOL ACCOUNT – DESIGNATED OATS

For the period August 1, 1988, to completion of operations on December 31, 1989
(with prior year figures for the 1987-88 Pool Account for comparison)

Designated Oats acquired:
Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver .....

Designated Oats sold:
Completed sales to July 31 basis in store Thunder Bay or Vancouver .....

Designated Oats stocks – being Designated Oats stocks on hand at July 31 stated at the ultimate value received from the sale thereof, basis in store Thunder Bay or Vancouver:
Completed sales for the period subsequent to July 31 .....

Surplus on Designated Oats transactions.....

Operating costs:
Interest .....
Interest and depreciation on Wheat Board hopper cars .....
Wheat Board administrative and general expenses .....

Surplus on operations of the Board on the Pool Account – Designated Oats, for the period from August 1, 1988, to December 31, 1989 (1987-88 September 30, 1988) .....

THE CANADIAN WHEAT BOARD

STATEMENT OF OPERATIONS

1988-89		1987-88	
Tonnes	Amount	Tonnes	Amount
222 987	$42,337,292	76 321	$9,261,146
212 530	43,006,260	74 434	10,166,104
10 457	2,688,284	1 887	298,140
222 987	45,694,544	76 321	10,464,244
	3,357,252		1,203,098
	(389,010)		(86,990)
	119,625		25,450
	298,993		98,670
	29,608		37,130
	$ 3,327,644		$1,165,968

EXHIBIT VI

1988-89 POOL ACCOUNT – BARLEY

For the period August 1, 1988, to completion of operations on September 30, 1989
(with prior year figures for the 1987-88 Pool Account for comparison)

Barley acquired:
- Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver .....
- Net tonnes acquired from the adjustment of overages and shortages, etc., at country and terminal elevators at Board initial prices basis in store Thunder Bay or Vancouver .....
- Purchased from prior year Pool Account – Barley .....

Barley sold:
- Completed sales to July 31 basis in store Thunder Bay, Vancouver or Churchill .....
- Weight losses in transit and in drying .....

Barley stocks – being Barley stocks on hand at July 31 stated at the ultimate value received from the sale thereof, basis in store Thunder Bay, Vancouver or Churchill:
- Completed sales for the period subsequent to July 31 .....
- Sale to the subsequent Pool Account – Barley .....

Surplus on Barley transactions .....

Operating costs:
- Carrying charges:
  - Carrying charges on Barley stored in country elevators .....
  - Storage on Barley stored in terminal elevators .....
- Interest and bank charges .....
- Demurrage/Despatch .....
- Additional freight – Barley shipped from country stations to terminal position .....
  - freight rate change .....
- Handling and stop-off on Barley warehoused at interior terminals .....
- Drying charges .....
- Interest and depreciation on Wheat Board hopper cars .....
- Wheat Board administrative and general expenses .....

Surplus on operations of the Board on the Pool Account – Barley, for the period from August 1, 1988, to September 30, 1989 (1987-88 September 30, 1988) .....

THE CANADIAN WHEAT BOARD

STATEMENT OF OPERATIONS

1988-89		1987-88	
Tonnes	Amount	Tonnes	Amount
4 035 425	$483,922,812	2 224 961	$144,395,122
69 065	5,797,698	34 596	2,451,270
–	–	–	–
4 104 490	489,720,510	2 259 557	146,846,392
2 672 893	342,804,701	2 259 223	172,410,524
54	–	334	–
963 353	128,302,861	–	–
468 190	59,307,067	–	–
4 104 490	530,414,629	2 259 557	172,410,524
	40,694,119		25,564,132
	10,930,743		639,467
	2,425,508		1,279,713
	13,356,251		1,919,180
	288,533		(2,940,186)
	(334,009)		2,678,089
	1,755,367		864,102
	1,581,659		(359,295)
	–		7,554
	402		31,258
	2,164,871		681,168
	5,092,615		2,876,485
	23,905,689		5,758,355
	$ 16,788,430		$ 19,805,777

EXHIBIT VII

1988-89 POOL ACCOUNT – DESIGNATED BARLEY

For the period August 1, 1988, to completion of operations on September 30, 1989
(with prior year figures for the 1987-88 Pool Account for comparison)

Designated Barley acquired:
Purchased from Producers at Board initial prices basis in store Thunder Bay or Vancouver .....

Designated Barley sold:
Completed sales to July 31 basis in store Thunder Bay or Vancouver .....

Designated Barley stocks – being Designated Barley stocks on hand at July 31 stated at the ultimate value received from the sale thereof, basis in store Thunder Bay or Vancouver:
Completed sales for the period subsequent to July 31 .....

Surplus on Designated Barley transactions .....

Operating costs:
Interest .....
Demurrage/Despatch .....
Interest and depreciation on Wheat Board hopper cars .....
Wheat Board administrative and general expenses .....

Surplus on operations of the Board on the Pool Account – Designated Barley, for the period from August 1, 1988, to September 30, 1989 (1987-88 September 30, 1988) .....

THE CANADIAN WHEAT BOARD

STATEMENT OF OPERATIONS

1988-89		1987-88	
Tonnes	Amount	Tonnes	Amount
1 074 488	$195,921,451	1 022 885	$130,135,153
942 125	200,127,452	944 925	135,179,256
132 363	31,308,222	77 960	14,530,982
1 074 488	231,435,674	1 022 885	149,710,238
	35,514,223		19,575,085
	(3,266,267)		(2,004,837)
	(48,094)		(128,420)
	576,427		341,086
	1,355,979		1,322,411
	(1,381,955)		(469,760)
	$ 36,896,178		$ 20,044,845

EXHIBIT VIII

STATEMENT OF ADMINISTRATIVE AND GENERAL

For the year ended July 31, 1989 (with prior year figures for comparison)

	1988-89	1987-88
Administrative and General Expenses:		
Salaries – Board members, officers and staff	$16,246,201	$15,586,850
Unemployment insurance, pension, group insurance, medical and other employee benefits	2,180,867	1,853,036
Manitoba Health and Education Tax	323,451	338,613
Advisory Committee	113,491	103,460
Rental and lighting of offices including maintenance of The Canadian Wheat Board Building	1,547,222	1,472,794
Telephones – exchange service and long distance calls	480,534	472,517
Telegrams, cables and telex expense	118,836	127,928
Postage	682,879	679,653
Printing, stationery and supplies	593,153	516,454
Annual report, mini report and "Grain Matters", etc.	158,849	153,514
District meetings	22,533	20,064
Office expense	694,451	678,549
Travelling and transfer of staff	873,706	868,819
Travelling expenses - inspectors	183,638	223,467
Legal fees and court costs	67,329	26,371
Audit fees	98,500	98,500
Computing equipment – rental and sundries	2,399,736	3,136,099
Repair and upkeep of office machines and equipment	23,177	62,775
Grain market publications and services	98,248	116,863
The Canadian Wheat Board share of operating expenses of Canadian International Grains Institute	1,184,256	1,266,031
Bonds and insurance	33,896	39,175
Depreciation on building, furniture, equipment and automobiles	358,053	372,051
	$28,483,006	$28,213,583

THE CANADIAN WHEAT BOARD

EXPENSES AND ALLOCATIONS TO OPERATIONS

Allocations to Operations:	1988-89	1987-88
1. Marketing of Producers' Grain		
1988-89 Pool Account - Wheat	$ 9,214,423	
1988-89 Pool Account - Durum	1,460,971	
1988-89 Pool Account - Oats	504,180	
1988-89 Pool Account - Designated Oats	144,510	
1988-89 Pool Account - Barley	2,615,217	
1988-89 Pool Account - Designated Barley	696,338	
1987-88 Pool Account - Wheat	9,544,913	
1987-88 Pool Account - Durum	1,670,421	
1987-88 Pool Account - Oats	157,971	
1987-88 Pool Account - Designated Oats	47,071	
1987-88 Pool Account - Barley	1,372,254	
1987-88 Pool Account - Designated Barley	630,869	
	28,059,138	$26,987,337
2. Distributing Final Payments to Producers		
(a) Wheat and Durum		
1987-88 Pool Account - Wheat	205,997	
1987-88 Pool Account - Durum	45,890	
1986-87 Pool Account - Wheat	21,529	
1986-87 Pool Account - Durum	14,549	
1985-86 Pool Account - Durum	2,804	
1984-85 Pool Account - Wheat	3,449	
1984-85 Pool Account - Durum	472	
1983-84 Pool Account - Wheat	1,808	
1983-84 Pool Account - Durum	245	
1982-83 Pool Account - Wheat	2,135	
1982-83 Pool Account - Durum	292	
	299,170	186,902
(b) Coarse Grains		
1987-88 Pool Account - Oats	13,697	
1987-88 Pool Account - Designated Oats	1,961	
1987-88 Pool Account - Barley	75,567	
1987-88 Pool Account - Designated Barley	18,098	
1986-87 Pool Account - Oats	5,962	
1986-87 Pool Account - Designated Oats	759	
1985-86 Pool Account - Designated Oats	743	
1985-86 Pool Account - Designated Barley	1,739	
1984-85 Pool Account - Oats	880	
1984-85 Pool Account - Designated Oats	155	
1984-85 Pool Account - Barley	2,079	
1984-85 Pool Account - Designated Barley	365	
1983-84 Pool Account - Oats	460	
1983-84 Pool Account - Designated Oats	82	
1983-84 Pool Account - Barley	1,091	
1983-84 Pool Account - Designated Barley	193	
1982-83 Pool Account - Oats	545	
1982-83 Pool Account - Designated Oats	94	
1982-83 Pool Account - Designated Barley	228	
	124,698	39,344
3. Allocation authorized by Order-in-Council from Special Account – Undistributed Payment Accounts in partial payment of Administrative and General Expense incurred in respect of the Prairie Grain Advance Payment Act	0	1,000,000
	$28,483,006	$28,213,583

THE CANADIAN WHEAT BOARD

EXHIBIT IX

STATEMENT OF ADVANCE PAYMENTS TO PRODUCERS UNDER THE PRAIRIE GRAIN ADVANCE PAYMENTS ACT

As at July 31, 1989

	Cash Advances to Producers	Advances Repaid by Producers	Balance to be Refunded by Producers
1957-58 Crop Year	$ 35,203,467	$ 35,200,848	$ 2,619
1958-59 Crop Year	34,369,653	34,366,768	2,885
1959-60 Crop Year	38,492,505	38,490,061	2,444
1960-61 Crop Year	63,912,550	63,905,208	7,342
1961-62 Crop Year	16,656,713	16,651,472	5,241
1962-63 Crop Year	29,251,526	29,245,974	5,552
1963-64 Crop Year	62,136,418	62,129,679	6,739
1964-65 Crop Year	32,961,844	32,955,727	6,117
1965-66 Crop Year	40,600,386	40,596,511	3,875
1966-67 Crop Year	36,668,270	36,664,915	3,355
1967-68 Crop Year	47,280,533	47,277,578	2,955
1968-69 Crop Year	151,852,319	151,771,755	80,564
1969-70 Crop Year	272,777,516	272,477,615	299,901
1970-71 Crop Year	91,105,890	91,076,244	29,646
1971-72 Crop Year	68,142,360	68,110,271	32,089
1972-73 Crop Year	20,754,104	20,743,234	10,870
1973-74 Crop Year	35,259,387	35,220,656	38,731
1974-75 Crop Year	46,635,399	46,609,707	25,692
1975-76 Crop Year	20,236,528	20,208,199	28,329
1976-77 Crop Year	130,592,220	130,483,087	109,133
1977-78 Crop Year	119,090,916	118,929,698	161,218
1978-79 Crop Year	151,316,450	151,197,705	118,745
1979-80 Crop Year	99,146,581	99,084,630	61,951
1980-81 Crop Year	61,640,150	61,599,760	40,390
1981-82 Crop Year	333,688,190	333,238,456	449,734
1982-83 Crop Year	309,022,755	308,239,484	783,271
1983-84 Crop Year	286,736,519	285,985,240	751,279
1984-85 Crop Year	201,289,320	200,443,685	845,635
1985-86 Crop Year	340,670,296	339,478,759	1,191,537
1986-87 Crop Year	642,511,850	640,233,293	2,278,557
1987-88 Crop Year	563,607,958	555,434,195	8,173,763
1988-89 Crop Year	319,522,186	272,997,691	46,524,495
	$4,703,132,759	$4,641,048,105	
Balance to be refunded by Producers as at July 31, 1989			62,084,654
Add:			
Bank interest to July 31, 1989, payable by the Government of Canada		173,415,438	
Less: Amount paid to July 31, 1989		172,838,537	576,901
			62,661,555
Deduct:			
Balance of funds received to cover advance payments in default:			
Government of Canada		3,068,495	
Line Elevator Companies		109,030	
Interest received on default payments		14,850,229	18,027,754
Owing to The Canadian Wheat Board as at July 31, 1989			$44,633,801

THE CANADIAN WHEAT BOARD

EXHIBIT X

STATEMENT OF SPECIAL ACCOUNT TRANSACTIONS

For the year ended July 31, 1989

Balance of Special Account as at July 31, 1988		$5,986,523
Transfer to Special Account authorized by Order-in-Council P.C. 1989-1438 from the following:		
1981 Wheat Payment Account	$(826,059)	
1981 Durum Payment Account	(143,602)	
1981 Designated Oats Payment Account	(25,137)	
1981 Barley Payment Account	19,163	
1981 Designated Barley Payment Account	(73,183)	(1,048,818)
		4,937,705

Expenditures:

Authorized by Order-in-Council No.	Description of Purpose	Unexpended as at July 31, 1988	Authorized Crop Year 1988-89	Unexpended as at July 31, 1989	Expended Crop year 1988-89	
P.C. 1988-1487 P.C. 1989-1439	Market Development	$191,083	$300,000	$206,363	$284,720	
P.C. 1988-1488	Scholarship Program	41,735	263,265	43,141	261,859	
P.C. 1987-2591	Forks National Historic Park	50,000	–	–	50,000	
P.C. 1987-1122	Canadian International Grains Institute – Capital Expenditures	86,591	–	52,144	34,447	
P.C. 1984-2690	Customer Mission Program	24,804	–	–	24,804	
P.C. 1983-2003	Joint Policy Coordinating Committee of Canada and United States Wheat Producers	88,133	–	88,133	–	
		$482,346	$563,265	$389,781		655,830
						4,281,875
Less: Payments to producers against old payment account						9,302
Balance of Special Account as at July 31, 1989						$4,272,573

As at July 31, 1989, there were unexpended authorizations totaling $389,781 leaving an unexpended balance of $3,882,792 in the Account.

Deloitte
Haskins+Sells

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AUDITORS' REPORT

To The Canadian Wheat Board:

We have examined the balance sheet of The Canadian Wheat Board as at July 31, 1989, and the statements of operations for the 1988-89 pool accounts for wheat, amber durum wheat, barley and designated barley for the period August 1, 1988, to completion of operations on September 30, 1989, the statement of operations for the 1988-89 pool account for designated oats for the period August 1, 1988, to completion of operations on December 31, 1989, the statement of operations for the 1988-89 pool account for oats for the period August 1, 1988, to completion of operations on March 9, 1990, the statement of administrative and general expenses and allocations to operations for the year ended July 31, 1989, the statement of advance payments to producers under the Prairie Grain Advance Payments Act as at July 31, 1989, and the statement of special account transactions for the year ended July 31, 1989. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests and other procedures as we considered necessary in the circumstances.

In our opinion, these financial statements present fairly the financial position of the Board as at July 31, 1989, and the results of operations for the periods shown, in accordance with generally accepted accounting principles consistently applied.

Deloitte Haskins + Sells

Chartered Accountants

March 9, 1990

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TABLE I
ACREAGE OF PRINCIPAL GRAINS IN THE WESTERN CANADIAN PROVINCES
1965 TO 1989

Year	Wheat 000 acres	Durum 000 acres	All Wheat 000 acres	Oats 000 acres	Barley 000 acres	Rye 000 acres	Flaxseed[2] 000 acres	Canola[3] 000 acres	Total 000 acres
1965	27,093	799	27,892	5,705	5,893	745	2,267	1,435	43,937
1966	28,229	1,064	29,293	5,491	7,160	674	1,885	1,525	46,028
1967	28,369	1,302	29,671	5,157	7,780	631	999	1,635	45,873
1968	26,648	2,370	29,018	5,418	8,500	622	1,503	1,056	46,117
1969	21,396	3,154	24,550	5,506	8,970	786	2,321	2,022	44,155
1970	9,010	3,065	12,075	5,320	9,480	767	3,300	4,074	35,016
1971	16,722	2,272	18,994	5,405	13,508	907	1,762	5,341	45,917
1972	17,755	3,160	20,915	4,723	12,050	583	1,320	3,318	42,909
1973	20,865	2,350	23,215	5,370	11,520	584	1,450	3,205	45,344
1974	18,720	2,850	21,570	4,865	11,370	804	1,450	3,160	43,219
1975	19,205	3,650	22,855	4,710	10,590	747	1,400	4,520	44,822
1976	23,665	3,500	27,165	4,738	10,302	550	800	1,778	45,333
1977	22,475	1,800	24,275	4,220	11,330	566	1,475	3,590	45,456
1978	22,020	3,650	25,670	3,460	10,060	733	1,300	6,980	48,203
1979	22,580	2,800	25,380	2,750	8,730	745	2,300	8,420	48,325
1980	23,760	3,300	27,060	2,706	10,950	686	1,370	5,140	47,912
1981	25,856	4,200	30,056	3,068	12,730	999	1,150	3,463	51,466
1982	26,950	3,650	30,600	3,170	11,875	997	1,550	4,390	52,582
1983	29,660	3,500	33,160	2,620	9,830	956	1,065	5,750	53,381
1984	27,710	4,150	31,860	2,680	10,395	815	1,780	7,610	55,140
1985	28,920	4,300	33,220	2,710	10,800	830	1,830	6,875	56,265
1986	29,750	4,560	34,310	2,610	10,810	721	1,865	6,430	56,746
1987	27,230	5,400	32,630	2,520	11,240	725	1,460	6,560	55,135
1988	25,525	5,600	31,125	2,720	9,260	581	1,240	9,010	53,936
1989[1]	26,325	6,450	32,775	3,480	10,535	1,149	1,580	7,125	56,644

[1] Subject to revision.
[2] Flaxseed acreage for British Columbia not available 1972 forward.
[3] Canola acreage for British Columbia not available 1965 and 1966.
Source: Statistics Canada.

TABLE II
YIELD OF PRINCIPAL GRAINS IN THE WESTERN CANADIAN PROVINCES
1965 TO 1989

Year	Wheat kg per acre	Durum kg per acre	All Wheat kg per acre	Oats kg per acre	Barley kg per acre	Rye kg per acre	Flaxseed kg per acre	Canola kg per acre
1965	622	546	621	743	766	561	317	356
1966	754	727	754	723	862	594	297	383
1967	533	422	528	591	666	427	228	344
1968	601	522	593	722	786	470	325	418
1969	728	716	727	760	856	437	305	376
1970	705	718	708	811	890	566	366	404
1971	744	671	735	836	930	577	322	406
1972	678	633	672	786	897	518	337	397
1973	685	600	678	796	851	566	340	382
1974	595	548	588	638	738	561	241	368
1975	730	646	716	763	856	651	317	407
1976	843	817	841	856	980	706	345	471
1977	784	709	778	848	1 004	650	442	550
1978	807	781	803	805	979	772	440	501
1979	644	643	644	770	973	627	354	405
1980	689	617	680	820	971	547	323	483
1981	810	709	796	840	1 006	833	407	530
1982	860	855	859	930	1 085	821	474	512
1983	775	749	772	826	945	775	417	453
1984	655	502	635	732	885	702	389	447
1985	729	455	694	822	976	613	493	504
1986	882	854	878	957	817	775	550	577
1987	774	743	769	969	1 119	628	499	582
1988	497	353	471	894	985	391	301	475
1989[1]	719	635	703	817	987	689	337	424

[1] Subject to revision.
Source: Statistics Canada.

TABLE III

PRODUCTION OF PRINCIPAL GRAINS IN THE WESTERN CANADIAN PROVINCES
1965 TO 1989

Year	Wheat 000 tonnes	Durum 000 tonnes	All Wheat 000 tonnes	Oats 000 tonnes	Barley 000 tonnes	Rye 000 tonnes	Flaxseed [2] 000 tonnes	Canola [3] 000 tonnes	Total 000 tonnes
1965	16 842	436	17 278	4 241	4 518	418	722	513	27 690
1966	21 285	773	22 058	3 975	6 169	401	559	585	33 747
1967	15 129	550	15 679	3 046	5 178	268	229	563	24 963
1968	16 005	1 236	17 241	3 908	6 689	292	490	441	29 061
1969	15 578	2 259	17 837	4 190	7 670	343	706	760	31 506
1970	6 355	2 202	8 557	4 318	8 448	435	1 214	1 646	24 618
1971	12 446	1 524	13 970	4 522	12 571	523	567	2 166	34 319
1972	12 033	2 000	14 033	3 717	10 812	304	447	1 317	30 630
1973	14 294	1 410	15 704	4 270	9 798	328	493	1 224	31 817
1974	11 145	1 562	12 707	3 108	8 391	452	351	1 163	26 172
1975	14 013	2 357	16 370	3 596	9 051	486	444	1 839	31 786
1976	19 954	2 858	22 812	4 053	10 087	387	277	837	38 453
1977	17 622	1 276	18 898	3 580	11 380	368	653	1 973	36 852
1978	17 772	2 852	20 624	2 787	9 847	566	572	3 497	37 893
1979	14 557	1 799	16 356	2 117	7 899	467	815	3 411	31 065
1980	16 368	2 036	18 404	2 219	10 649	375	442	2 483	34 572
1981	20 945	2 977	23 922	2 578	12 804	832	468	1 837	42 441
1982	23 174	3 121	26 295	2 949	12 882	819	734	2 246	45 925
1983	22 976	2 620	25 596	2 165	9 286	741	444	2 602	40 834
1984	18 137	2 085	20 222	1 961	9 197	572	693	3 407	36 052
1985	21 089	1 957	23 046	2 227	11 061	509	902	3 467	41 212
1986	26 247	3 897	30 144	2 726	13 216	559	1 026	3 713	51 384
1987	21 076	4 014	25 090	2 442	12 580	455	729	3 817	45 113
1988	12 682	1 979	14 661	2 431	9 121	227	373	4 277	31 090
1989[1]	18 938	4 098	23 036	2 842	10 401	792	531	3 019	40 621

[1] Subject to revision.
[2] Flaxseed production for British Columbia not available 1972 forward.
[3] Canola production for British Columbia not available 1965 and 1966.
Source: Statistics Canada.

TABLE IV

PRODUCERS' MARKETINGS – WESTERN CANADIAN GRAINS
CROP YEARS 1964-65 TO 1988-89

Crop Year	Wheat 000 tonnes	Durum 000 tonnes	All Wheat 000 tonnes	Oats 000 tonnes	Barley 000 tonnes	Rye 000 tonnes	Flaxseed 000 tonnes	Canola 000 tonnes	Total 000 tonnes
1964-65	13 439	836	14 275	632	1 632	187	428	247	17 401
1965-66	14 967	529	15 496	798	2 044	306	602	426	19 672
1966-67	16 577	633	17 210	593	2 454	279	511	472	21 519
1967-68	11 922	489	12 411	475	1 901	176	202	454	15 619
1968-69	10 846	670	11 516	641	1 780	97	389	399	14 822
1969-70	10 158	1 089	11 247	322	3 667	193	561	646	16 636
1970-71	8 838	1 621	10 459	898	5 136	295	856	1 395	19 039
1971-72	11 945	2 139	14 084	499	6 433	395	548	1 584	23 543
1972-73	15 359	1 875	17 234	501	5 156	235	466	1 428	25 020
1973-74	13 294	1 302	14 596	614	5 118	189	391	993	21 901
1974-75	10 182	1 315	11 497	621	4 555	265	274	935	18 147
1975-76	11 993	2 307	14 300	794	4 686	321	395	1 399	21 895
1976-77	13 410	1 532	14 942	846	5 814	301	246	1 030	23 179
1977-78	17 275	1 835	19 110	764	5 237	256	494	1 759	27 620
1978-79	12 987	1 486	14 473	363	5 364	247	425	2 945	23 817
1979-80	16 795	1 909	18 704	319	5 408	449	675	2 928	29 481
1980-81	15 902	2 722	18 624	391	6 430	354	424	2 153	28 378
1981-82	17 064	2 607	19 671	503	7 505	617	377	1 991	30 664
1982-83	22 462	2 868	25 330	365	7 023	518	536	2 016	35 788
1983-84	20 749	2 273	23 022	407	6 690	691	381	2 264	33 455
1984-85	16 398	1 784	18 182	314	5 077	331	533	2 984	27 421
1985-86	19 277	1 691	20 968	320	6 435	238	689	2 926	31 576
1986-87	19 474	2 934	22 408	457	7 448	259	777	3 364	34 713
1987-88	19 515	3 240	22 755	599	5 746	258	601	3 328	33 287
1988-89[1]	12 073	1 791	13 864	1 095	5 571	173	295	3 493	24 491

[1] Subject to revision.
Source: Canadian Grain Commission for 1988-89.
All previous years – Statistics Canada "Grain Trade of Canada".

TABLE V

PRIMARY ELEVATOR SHIPMENTS
CROP YEARS 1973-74 TO 1988-89

Crop Year	Wheat 000 tonnes	Durum 000 tonnes	All Wheat 000 tonnes	Oats 000 tonnes	Barley 000 tonnes	Rye 000 tonnes	Flaxseed 000 tonnes	Canola 000 tonnes	Total 000 tonnes
1973-74	12 926	1 400	14 326	578	4 677	193	362	753	20 869
1974-75	11 173	1 577	12 750	528	4 838	213	279	679	19 287
1975-76	12 363	1 881	14 244	798	5 431	316	284	741	21 814
1976-77	13 384	1 704	15 088	942	5 232	265	317	1 035	22 879
1977-78	15 498	1 876	17 374	556	5 179	260	340	1 092	24 801
1978-79	13 508	1 478	14 986	353	5 680	219	466	1 863	23 567
1979-80	16 402	2 144	18 546	564	5 733	389	490	1 893	27 615
1980-81	15 988	2 500	18 488	406	5 740	450	508	1 280	26 672
1981-82	17 643	2 638	20 281	465	7 459	507	394	1 285	30 391
1982-83	21 089	2 871	23 960	368	6 815	388	382	1 228	33 141
1983-84	21 149	2 544	23 693	414	7 086	738	528	1 446	33 905
1984-85	17 803	1 933	19 736	303	4 551	346	490	1 757	27 183
1985-86	17 481	1 438	18 919	236	5 859	283	558	1 616	27 471
1986-87	19 849	2 550	22 399	445	7 508	197	625	2 148	33 322
1987-88	20 578	3 593	24 171	523	5 674	239	554	2 273	33 434
1988-89[1]	12 205	1 851	14 056	1 043	5 221	181	340	2 524	23 365

[1] Subject to revision.
Source: Canadian Grain Commission for 1988-89.
All previous years – Statistics Canada "Grain Trade of Canada".

TABLE VI

VESSEL SHIPMENTS OF PRINCIPAL GRAINS FROM THE LAKEHEAD
CROP YEARS 1969-70 TO 1988-89

Crop Year	Wheat 000 tonnes	Durum 000 tonnes	All Wheat 000 tonnes	Oats 000 tonnes	Barley 000 tonnes	Rye 000 tonnes	Flaxseed 000 tonnes	Canola 000 tonnes	Total 000 tonnes
1969-70	5 317	638	5 955	407	2 050	79	282	98	8 871
1970-71	6 481	1 210	7 691	427	3 398	97	363	317	12 293
1971-72	7 119	1 464	8 583	418	4 193	131	406	333	14 064
1972-73	7 765	1 403	9 168	404	2 497	68	334	391	12 862
1973-74	7 040	1 182	8 222	235	2 157	102	210	143	11 069
1974-75	6 173	1 241	7 414	215	2 068	103	168	61	10 029
1975-76	7 629	1 682	9 311	492	2 223	218	121	31	12 396
1976-77	7 448	1 212	8 660	669	2 159	67	207	161	11 923
1977-78	7 424	1 649	9 073	358	2 735	158	192	83	12 599
1978-79	7 351	1 017	8 368	201	2 859	57	333	249	12 067
1979-80	8 535	1 630	10 165	298	2 231	243	280	424	13 641
1980-81	8 285	1 783	10 068	212	1 961	315	269	127	12 952
1981-82	8 739	2 019	10 758	199	2 725	372	229	136	14 419
1982-83	10 918	2 242	13 160	163	3 182	116	249	125	16 995
1983-84	11 751	2 312	14 063	138	3 555	74	345	185	18 360
1984-85	9 559	1 741	11 300	90	1 066	12	322	150	12 940
1985-86	7 828	1 162	8 990	41	1 510	12	318	145	11 016
1986-87	8 956	1 843	10 799	122	2 312	27	417	194	13 871
1987-88	7 652	2 949	10 601	130	1 350	32	404	244	12 761
1988-89	3 992	1 449	5 441	262	595	9	187	313	6 807

[1] Subject to revision.
Source: Canadian Grain Commission 451.10 for 1988-89.
All previous years – Statistics Canada "Grain Trade of Canada".

TABLE VII

CANADIAN WHEAT SUPPLIES AND DISPOSITION
CROP YEARS 1969-70 TO 1989-90

Crop Year	Inward Carryover [1] August 1st		Production	Total Supplies	Domestic Disappearance [2]		Exports [1] Wheat and Flour	Total Outward [1] Carryover July 31st
	Farm 000 tonnes	Commercial 000 tonnes	000 tonnes	000 tonnes	Farm 000 tonnes	Commercial [3] 000 tonnes	000 tonnes	000 tonnes
1969-70	10 130	13 053	18 267	41 450	2 166	2 402	9 430	27 452
1970-71	14 770	12 682	9 024	36 476	2 355	2 295	11 846	19 980
1971-72	10 746	9 235	14 412	34 393	2 435	2 351	13 720	15 887
1972-73	8 477	7 410	14 515	30 402	2 384	2 381	15 692	9 945
1973-74	3 130	6 815	16 162	26 107	2 280	2 292	11 446	10 089
1974-75	2 205	7 884	13 304	23 393	2 016	2 560	10 779	8 038
1975-76	1 633	6 405	17 081	25 119	2 396	2 408	12 336	7 979
1976-77	1 578	6 401	23 587	31 566	2 523	2 289	13 436	13 318
1977-78	7 158	6 160	19 858	33 176	2 460	2 561	16 040	12 115
1978-79	5 007	7 108	21 136	33 251	2 466	2 790	13 084	14 911
1979-80	8 954	5 957	17 196	32 107	2 688	2 809	15 889	10 721
1980-81	4 273	6 448	19 292	30 013	2 732	2 509	16 262	8 510
1981-82	1 585	6 925	24 803	33 313	2 831	2 322	18 447	9 713
1982-83	3 560	6 153	26 736	36 449	2 602	2 496	21 368	9 983
1983-84	2 010	7 973	26 505	36 488	3 191	2 342	21 765	9 190
1984-85	1 735	7 455	21 199	30 389	2 914	2 294	17 583	7 598
1985-86	1 080	6 518	24 252	31 850	2 958	2 583	17 725	8 584
1986-87	775	7 799	31 377	39 951	3 956	2 481	20 783	12 731
1987-88	5 007	7 724	25 950	38 681	5 128	2 733	23 515	7 305
1988-89	2 535	4 770	15 996	23 301	3 130	2 822	12 413	4 936
1989-90 [4]	792	4 144	24 383	29 319				

[1] Source: Statistics Canada.
[2] A residual item. Farm disappearance is computed by adding inward farm carryover and production and deducting therefrom marketings and outward farm carryover. Commercial disappearance is computed by adding inward commercial carryover and marketings and deducting therefrom outward commercial carryover and exports.
[3] Human food consumption in 1987-88 amounted to 2 150 000 tonnes. In 1988-89 the amount was 2 210 000 tonnes.
[4] Subject to revision.

TABLE VIII

CANADIAN OATS SUPPLIES AND DISPOSITION
CROP YEARS 1969-70 TO 1989-90

Crop Year	Inward Carryover [1] August 1st		Production	Total Supplies	Domestic Disappearance [3]		Exports [2]	Total Outward [1] Carryover July 31st
	Farm	Commercial			Farm	Commercial		
	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes	000 tonnes
1969-70	1 457	527	5 473	7 457	4 603	487	79	2 288
1970-71	2 005	283	5 445	7 733	5 144	449	206	1 934
1971-72	1 406	528	5 640	7 574	5 067	523	161	1 823
1972-73	1 480	343	4 665	6 488	4 642	510	107	1 229
1973-74	1 002	227	5 070	6 299	4 573	519	13	1 194
1974-75	895	299	3 977	5 171	3 510	506	22	1 133
1975-76	741	392	4 480	5 613	3 624	477	281	1 231
1976-77	802	429	4 831	6 062	3 753	487	494	1 328
1977-78	1 033	295	4 283	5 611	3 349	497	90	1 675
1978-79	1 203	472	3 568	5 243	3 305	401	17	1 520
1979-80	1 103	417	2 879	4 399	2 961	444	103	891
1980-81	702	189	2 911	3 802	2 611	385	46	760
1981-82	610	150	3 188	3 948	2 655	387	51	855
1982-83	640	215	3 637	4 492	2 916	301	105	1 170
1983-84	995	175	2 773	3 943	2 790	335	123	695
1984-85	570	125	2 670	3 365	2 431	296	19	619
1985-86	495	124	2 736	3 355	2 306	229	44	776
1986-87	605	171	3 251	4 027	2 529	227	257	1 014
1987-88	870	144	2 995	4 009	2 606	249	287	867
1988-89	690	207	2 993	3 890	2 174	302	730	684
1989-90 [4]	413	271	3 549	4 233				

[1] Source: Statistics Canada.
[2] Source: Statistics Canada "Grain Trade of Canada". Includes rolled oats, oatmeal and seed oats.
[3] A residual item. Farm disappearance is computed by adding inward farm carryover and production and deducting therefrom marketings and outward farm carryover. Commercial disappearance is computed by adding inward commercial carryover and marketings and deducting therefrom outward commercial carryover and exports.
[4] Subject to revision.

TABLE IX

CANADIAN BARLEY SUPPLIES AND DISPOSITION
CROP YEARS 1969-70 TO 1989-90

Crop Year	Inward Carryover[1] August 1st		Production[1]	Total Supplies	Domestic Disappearance[2]		Exports[1]	Total Outward[1] Carryover July 31st
	Farm 000 tonnes	Commercial 000 tonnes	000 tonnes	000 tonnes	Farm 000 tonnes	Commercial 000 tonnes	000 tonnes	000 tonnes
1969-70	2 972	1 325	8 084	12 381	4 602	1 391	1 923	4 465
1970-71	2 765	1 700	8 889	13 354	5 158	1 145	3 910	3 141
1971-72	1 342	1 799	13 098	16 239	6 121	1 270	5 020	3 828
1972-73	1 872	1 956	11 284	15 112	6 081	1 231	3 598	4 202
1973-74	1 915	2 287	10 218	14 420	5 576	1 531	2 776	4 537
1974-75	1 436	3 101	8 790	13 327	4 557	1 653	3 013	4 104
1975-76	1 110	2 994	9 510	13 614	4 837	1 688	4 326	2 763
1976-77	1 088	1 675	10 513	13 276	4 634	1 641	3 783	3 218
1977-78	1 132	2 086	11 802	15 020	4 582	1 690	3 540	5 208
1978-79	3 113	2 095	10 397	15 605	4 943	1 967	3 800	4 895
1979-80	3 200	1 695	8 478	13 373	5 139	2 142	4 086	2 006
1980-81	1 100	906	11 394	13 400	4 899	1 777	3 521	3 203
1981-82	1 140	2 063	13 724	16 927	5 370	1 424	6 002	4 131
1982-83	1 950	2 181	13 965	18 096	5 631	1 688	5 648	5 129
1983-84	3 225	1 904	10 209	15 338	5 656	2 174	5 537	1 971
1984-85	1 080	891	10 296	12 267	5 434	1 896	2 781	2 156
1985-86	865	1 291	12 387	14 543	5 713	1 731	3 795	3 304
1986-87	1 100	2 209	14 569	17 878	6 646	1 342	6 718	3 172
1987-88	1 570	1 602	13 957	17 129	7 273	1 555	4 594	3 707
1988-89	2 507	1 200	10 212	13 919	6 071	2 170	2 878	2 800
1989-90[3]	1 075	1 725	11 672	14 472				

[1] Source: Statistics Canada "Grain Trade of Canada". Includes export barley and pot and pearl barley.

[2] A residual item. Farm disappearance is computed by adding inward farm carryover and production and deducting therefrom marketings and outward farm carryover. Commercial disappearance is computed by adding inward commercial carryover and marketings and deducting therefrom outward commercial carryover and exports.

[3] Subject to revision.

TABLE X

CANADIAN GRAIN STORAGE POSITION 1970 TO 1989
VISIBLE STOCKS OF PRINCIPAL GRAINS AS AT JULY 31st [1]

Year	Wheat 000 tonnes	Oats 000 tonnes	Barley 000 tonnes	Rye 000 tonnes	Flaxseed 000 tonnes	Canola 000 tonnes	U.S. and Foreign Grains 000 tonnes	Total 000 tonnes	Total Capacity[2,3] 000 tonnes
1970	12 682	283	1 700	151	136	79	284	15 315	19 051
1971	9 235	528	1 799	192	409	246	143	12 552	18 885
1972	7 410	344	1 956	261	255	609	206	11 041	18 318
1973	6 815	226	2 287	221	180	460	389	10 578	17 986
1974	7 884	299	3 101	203	163	247	313	12 210	17 626
1975	6 405	392	2 994	251	155	309	124	10 630	17 868
1976	6 401	429	1 675	223	330	697	142	9 897	17 518
1977	6 160	295	2 086	289	186	174	128	9 318	16 974
1978	7 108	472	2 095	212	367	291	201	10 746	16 858
1979	5 957	417	1 695	248	244	819	255	9 635	16 748
1980	6 448	189	906	279	440	1 137	349	9 748	16 631
1981	6 925	150	2 063	169	228	924	213	10 672	16 353
1982	6 154	215	2 181	231	221	621	176	9 799	16 071
1983	7 883	175	1 904	431	347	446	117	11 303	15 739
1984	7 358	125	891	326	130	105	83	9 018	15 533
1985	6 412	124	1 291	233	119	375	105	8 659	15 503
1986	7 702	171	2 209	142	207	675	39	11 145	15 281
1987	7 597	144	1 602	165	302	449	83	10 342	15 150
1988	4 668	207	1 200	159	287	491	147	7 159	14 798
1989 [4]	4 144	271	1 725	141	132	694	82	7 189	14 507

[1] Includes stocks in unlicensed mills and any stocks in licensed mills which have been transferred from elevator storage proper to mill or feed plants for processing.
[2] For all years the quantities indicate the capacity as at July 31st and include only licensed capacity.
[3] Metric tonnes expressed in wheat equivalent.
[4] Subject to revision.

TABLE XI

EXPORTS OF CANADIAN GRAIN AND GRAIN PRODUCTS
CROP YEARS 1964-65 TO 1988-89

Crop Year	Wheat [1] 000 tonnes	Flour [2] 000 tonnes	Oats and Oat Products 000 tonnes	Barley and Barley Products 000 tonnes	Rye 000 tonnes	Flaxseed [3] 000 tonnes	Canola [4] 000 tonnes	Corn 000 tonnes	Total 000 tonnes
1964-65	10 017	858	240	806	123	398	210	7	12 653
1965-66	14 881	1 038	246	828	204	495	309	9	16 010
1966-67	13 157	867	74	1 275	253	433	313	2	15 374
1967-68	8 473	672	55	901	121	349	279	2	10 852
1968-69	7 653	670	42	575	108	355	325	6	9 734
1969-70	8 696	734	80	1 923	97	500	504	2	12 536
1970-71	11 169	676	206	3 910	227	571	1 062	5	17 826
1971-72	13 047	673	161	5 020	273	692	966	29	20 861
1972-73	15 057	636	107	3 598	209	529	1 226	21	21 383
1973-74	10 902	543	13	2 776	116	400	1 063	5	15 818
1974-75	10 229	550	22	3 013	123	273	664	4	14 878
1975-76	11 637	699	281	4 326	299	212	820	233	18 507
1976-77	12 711	725	494	3 783	168	369	1 449	180	19 879
1977-78	15 246	794	90	3 540	271	282	1 476	323	22 022
1978-79	12 302	782	17	3 800	154	514	2 287	192	20 048
1979-80	15 215	674	103	4 086	397	475	2 420	344	23 714
1980-81	15 569	693	46	3 521	446	607	2 212	1 051	24 145
1981-82	17 973	474	51	6 002	561	481	2 040	1 281	28 863
1982-83	20 956	411	105	5 648	313	471	1 752	511	30 167
1983-84	21 285	480	122	5 536	747	629	2 460	429	31 688
1984-85	17 113	470	19	2 781	376	564	2 590	569	24 482
1985-86	17 354	372	44	3 794	276	626	2 365	490	25 321
1986-87	20 353	430	257	6 718	166	685	3 645	113	32 367
1987-88	23 173	342	286	4 594	178	605	3 447	369	32 994
1988-89 [5]	12 127	286	730	2 879	113	424	3 270	20	19 849

[1] Wheat exports include bagged Seed Wheat.
[2] Wheat equivalent.
[3] Flaxseed exports include Linseed Oil for all years and Linseed Oil and Meal from 1979-80.
[4] Canola exports for the years 1964-65 to 1972-73 do not include Canola Oil exports. The years 1973-74 onward include Canola Oil and Canola Meal exports.
[5] Subject to revision.

Source: Canadian Grain Commission "Canadian Grain Exports" for 1988-89.
All previous years – Statistics Canada "Grain Trade of Canada".

TABLE XII

CANADIAN WHEAT (INCLUDING DURUM) EXPORTS BY AREAS AND COUNTRIES
CROP YEARS 1979-80 TO 1988-89

Country	1979-80 000 tonnes	1980-81 000 tonnes	1981-82 000 tonnes	1982-83 000 tonnes	1983-84 000 tonnes	1984-85 000 tonnes	1985-86 000 tonnes	1986-87 000 tonnes	1987-88 000 tonnes	1988-89 ' 000 tonnes
WESTERN EUROPE:										
EEC:										
Belgium and Luxembourg	12	–	16	23	10	127	100	91	336	190
Denmark	1	–	–	–	1	1	1	–	–	–
France	4	12	88	107	199	104	58	1	–	–
Germany, Federal Republic	12	1	18	1	26	3	3	21	6	11
Ireland	–	–	1	–	1	1	–	–	2	–
Italy	723	765	515	624	742	240	367	634	440	409
Malta	–	–	–	–	–	–	–	36	–	–
Netherlands	70	22	38	17	103	107	78	72	6	–
Portugal *							149	269	118	120
United Kingdom	1 361	1 409	1 366	1 109	955	533	702	503	413	410
TOTAL EEC	2 163	2 209	2 042	1 881	2 037	1 216	1 458	1 627	1 321	1 140
OTHER WESTERN EUROPE:										
Finland	9	6	29	–	–	7	–	–	–	14
Iceland	–	–	–	–	–	–	–	–	–	3
Norway	137	10	57	70	148	62	68	89	128	70
Portugal *	43	17	–	–	–	–				
Spain	–	51	–	–	–	–	–	–	–	–
Sweden	1	–	–	2	–	4	2	–	–	–
Switzerland	71	54	49	109	49	9	–	–	16	42
TOTAL OTHER WESTERN EUROPE	261	138	135	181	197	82	70	89	144	129
EASTERN EUROPE:										
Bulgaria	–	–	–	–	–	–	216	153	40	–
Czechoslovakia	6	–	14	5	5	5	–	11	6	3
Germany, People's Rep. of	10	67	–	308	73	170	48	199	104	60
Poland	1 487	1 091	1 674	622	52	91	22	31	–	–
U.S.S.R.	2 579	3 971	5 019	6 959	6 761	6 019	5 219	5 391	4 500	2 657
Yugoslavia	127	–	–	–	–	–	–	–	–	–
TOTAL EASTERN EUROPE	4 209	5 129	6 707	7 894	6 891	6 285	5 505	5 785	4 650	2 720
TOTAL EUROPE	6 633	7 476	8 884	9 956	9 125	7 583	7 033	7 501	6 115	3 989
AFRICA:										
Algeria	598	654	590	512	813	508	492	448	764	326
Angola	–	–	–	–	–	–	–	–	8	–
Benin	1	–	–	–	–	–	–	–	–	–
Canary Islands	–	–	–	–	–	–	–	14	–	–
Chad	–	–	–	–	7	5	–	–	–	–
Djbouti	–	–	–	–	–	–	–	–	–	10
Ethiopia	51	81	45	92	49	128	93	91	230	102
Ghana	98	25	45	24	63	37	66	40	81	67
Ivory Coast	–	–	1	–	–	–	–	–	–	–
Kenya	–	–	16	–	–	39	–	2	–	–
Lesotho	–	–	–	–	–	–	–	16	–	–
Libya	28	81	291	110	93	124	174	136	96	78
Mali	–	–	–	13	–	–	–	10	–	9
Mauritania	–	2	–	4	11	11	10	–	7	–
Morocco	129	12	15	–	–	–	–	–	22	30
Mozambique	–	5	16	25	14	21	7	21	44	62
Niger	–	–	2	4	–	2	–	–	–	2
Nigeria	28	–	–	21	66	–	133	–	–	–
Rwanda	–	–	–	1	–	–	–	–	–	–
Senegal	6	8	9	13	10	9	8	21	16	7
Somalia	–	–	7	–	–	–	–	–	–	–
South Africa	–	–	–	–	–	–	55	–	33	–
Sudan	7	–	–	–	2	4	5	3	2	–
Tanzania	–	10	13	–	13	10	–	12	–	–
Togo	8	–	–	21	23	7	8	14	15	26
Tunisia	49	23	10	–	–	–	–	25	41	17
Uganda	8	–	–	9	1	–	–	6	–	–
Upper Volta	–	–	–	3	2	–	–	–	–	–
Zambia	17	–	–	–	–	12	10	16	27	14
Zimbabwe	3	–	–	–	17	17	–	11	25	14
TOTAL AFRICA	1 031	901	1 060	852	1 184	934	1 061	886	1 411	764

TABLE XII

CANADIAN WHEAT (INCLUDING DURUM) EXPORTS BY AREAS AND COUNTRIES (continued)
CROP YEARS 1979-80 TO 1988-89

Country	1979-80 000 tonnes	1980-81 000 tonnes	1981-82 000 tonnes	1982-83 000 tonnes	1983-84 000 tonnes	1984-85 000 tonnes	1985-86 000 tonnes	1986-87 000 tonnes	1987-88 000 tonnes	1988-89[1] 000 tonnes
MIDDLE EAST:										
Arab Rep. of Egypt	–	–	316	23	662	450	464	208	100	–
Cyprus	–	–	–	–	32	14	–	20	21	–
Iran	110	96	73	107	488	41	61	128	1 113	26
Iraq	428	453	258	280	608	367	347	691	884	784
Israel	–	–	–	–	18	99	25	95	18	–
Lebanon	75	119	91	158	–	–	6	–	–	–
Saudi Arabia	–	–	–	26	–	–	–	–	–	–
Syria	20	–	–	242	260	529	–	–	11	–
Turkey	–	–	–	–	–	–	89	–	–	–
Yemen, P.D.R.	–	6	–	24	–	108	–	–	1	3
TOTAL MIDDLE EAST:	633	674	738	860	2 068	1 608	992	1 142	2 148	813
ASIA:										
Afghanistan	21	–	–	–	–	–	–	–	–	–
Bangladesh	428	134	264	312	476	65	536	358	220	291
China, People's Rep. of	2 516	2 879	3 101	4 424	3 428	2 780	2 558	4 065	7 586	2 812
Hong Kong	37	16	9	6	13	13	9	11	10	12
India	–	40	91	7	513	5	–	–	44	–
Indonesia	24	–	32	224	201	200	333	189	189	246
Japan	1 336	1 381	1 367	1 341	1 325	1 323	1 272	1 349	1 481	1 354
Korea, Dem. People's Republic	–	–	–	–	–	–	–	20	28	–
Korea, South	–	–	–	–	6	–	472	1 173	617	38
Malaysia	10	10	–	5	–	72	9	57	61	110
Nepal	13	1	–	–	–	–	–	–	–	3
Pakistan	34	6	54	29	58	33	41	51	54	78
Philippines	27	–	–	–	–	–	21	100	32	117
Singapore	–	–	–	46	–	–	–	21	5	–
Sri Lanka	–	–	21	98	124	100	108	54	73	8
Taiwan	79	–	28	85	84	81	108	55	119	81
Thailand	–	–	–	–	–	–	–	–	17	45
TOTAL ASIA:	4 525	4 467	4 967	6 577	6 228	4 672	5 467	7 503	10 536	5 195
WESTERN HEMISPHERE:										
Barbados	4	–	5	–	2	–	–	–	–	–
Belize	–	–	–	1	–	–	–	–	–	–
Bolivia	–	–	–	–	12	–	–	20	–	12
Brazil	1 270	1 284	1 314	1 503	1 362	1 145	986	780	449	14
Chile	–	–	24	–	–	–	–	–	–	–
Colombia	–	–	–	–	–	–	57	190	75	163
Costa Rica	–	–	4	–	–	–	–	–	–	–
Cuba	866	656	730	878	772	598	1 029	1 017	843	530
El Salvador	–	–	–	–	2	–	–	–	–	2
Grenada	–	–	–	–	–	–	–	–	–	2
Haiti Republic	33	37	20	–	–	25	–	–	–	–
Honduras	–	–	–	2	1	4	4	–	–	2
Jamaica	62	45	31	23	22	24	39	38	39	37
Mexico	71	27	154	189	276	–	–	258	353	–
Nicaragua	–	–	18	–	48	–	–	10	58	–
Panama	–	–	–	–	–	–	–	1	–	–
Peru	48	–	8	–	49	26	47	344	209	–
St. Christopher	–	–	–	–	–	–	–	–	–	2
St. Lucia	–	–	–	–	–	–	2	1	–	8
St. Vincent	4	–	–	–	–	–	–	–	–	7
Trinidad and Tobago	8	–	–	–	–	–	–	–	–	–
United States	–	–	–	115	63	159	274	344	369	255
Uruguay	–	–	–	–	–	–	–	46	35	–
Venezuela	4	–	15	–	69	294	320	112	532	323
TOTAL WESTERN HEMISPHERE:	2 370	2 049	2 323	2 711	2 678	2 275	2 758	3 161	2 962	1 357
TOTAL BULK WHEAT:	15 212	15 567	17 972	20 956	21 283	17 072	17 311	20 193	23 172	12 118
BAGGED SEED WHEAT:	3	2	1	1	1	42	43	2	1	9
GRAND TOTAL:	15 215	15 569	17 973	20 957	21 284	17 114	17 354	20 195	23 173	12 127

[1] Subject to revision.
* Portugal joined EEC during 1985-86.
Source: Canadian Grain Commission "Canada Grain Exports" for 1988-89.
All previous years – Statistics Canada "Grain Trade of Canada".

TABLE XIII

CANADIAN WHEAT FLOUR EXPORTS BY AREAS AND COUNTRIES
CROP YEARS 1979-80 TO 1988-89

Country	1979-80 000 tonnes	1980-81 000 tonnes	1981-82 000 tonnes	1982-83 000 tonnes	1983-84 000 tonnes	1984-85 000 tonnes	1985-86 000 tonnes	1986-87 000 tonnes	1987-88 000 tonnes	1988-89 [1] 000 tonnes
WESTERN EUROPE:										
EEC	–	2	1	1	1	1	1	1	1	2
Other Western Europe	4	4	4	3	3	4	7	7	4	1
TOTAL WESTERN EUROPE	4	6	5	4	4	5	8	8	5	3
EASTERN EUROPE	–	248	–	–	–	–	–	–	–	8
TOTAL EUROPE	4	254	5	4	4	5	8	8	5	11
AFRICA:										
Algeria	7	11	5	5	–	–	–	–	–	11
Others	10	5	16	17	9	39	20	2	5	61
TOTAL AFRICA	17	16	21	22	9	39	20	2	5	72
MIDDLE EAST:										
Arab Rep. of Egypt	31	12	32	26	23	18	18	–	1	4
Jordan	8	1	20	15	2	–	–	–	3	13
Yemen, Arab Rep.	–	–	–	–	–	3	–	15	9	5
Yemen, P.D.R.	–	3	–	–	–	7	10	3	9	20
Others	18	17	37	30	27	99	102	53	66	6
TOTAL MIDDLE EAST	57	33	89	71	52	127	150	71	88	48
ASIA:										
China, People's Rep. of	–	–	–	–	86	64	56	129	78	18
Korea, South	2	17	–	51	–	–	–	–	–	–
Singapore	–	–	–	–	–	–	12	–	–	–
Sri Lanka	3	–	–	–	–	–	–	–	–	–
Thailand	1	1	1	1	1	–	–	–	–	–
VietNam	42	–	–	–	–	–	–	–	–	–
Others	5	3	2	1	1	2	2	2	4	3
TOTAL ASIA	53	21	3	53	88	66	70	131	82	21
WESTERN HEMISPHERE:										
Bahamas	5	4	4	5	5	5	5	5	4	4
Barbados	3	3	3	3	3	3	2	2	2	2
Bermuda	4	4	3	3	2	1	1	2	2	1
Colombia	–	–	–	–	–	–	8	–	2	11
Cuba	471	326	320	223	281	181	108	175	110	75
Haiti Republic	35	11	1	2	2	1	–	2	–	–
Jamaica	3	4	6	2	3	1	1	6	1	6
Leeward and Windward Islands	3	2	2	2	2	1	1	1	1	–
Paraguay	–	–	–	–	–	–	2	–	2	1
Trinidad and Tobago	2	3	3	2	5	4	4	4	3	2
United States	2	7	8	12	7	10	7	14	27	23
Others	13	6	6	7	16	25	5	7	8	9
TOTAL WESTERN HEMISPHERE	541	370	356	261	326	232	144	218	162	134
GRAND TOTAL	673	694	474	411	479	469	372	430	342	286

[1] Subject to revision.
Source: Statistics Canada.

TABLE XIV

CANADIAN DURUM WHEAT EXPORTS BY AREAS AND COUNTRIES
CROP YEARS 1979-80 TO 1988-89

Country	1979-80 000 tonnes	1980-81 000 tonnes	1981-82 000 tonnes	1982-83 000 tonnes	1983-84 000 tonnes	1984-85 000 tonnes	1985-86 000 tonnes	1986-87 000 tonnes	1987-88 000 tonnes	1988-89 [1] 000 tonnes
WESTERN EUROPE:										
EEC:										
Belgium and Luxembourg	6	–	13	–	–	36	10	14	78	52
Denmark	1	–	–	–	–	–	–	–	–	–
France	–	12	88	99	199	104	58	–	–	–
Germany, Federal Republic	–	1	18	–	17	2	–	12	3	10
Ireland	–	–	1	–	–	1	–	–	–	–
Italy	628	526	423	525	504	182	255	480	232	214
Malta	–	–	–	–	–	–	–	36	–	–
Netherlands	47	13	24	12	86	24	1	29	6	–
Portugal *							–	–	–	6
United Kingdom	7	12	5	2	2	4	8	5	9	11
TOTAL EEC	689	564	572	638	808	353	332	576	328	293
OTHER WESTERN EUROPE:										
Finland	–	3	–	–	–	–	–	–	–	7
Norway	6	10	–	11	13	6	11	–	13	6
Portugal *	29	17	–	–	–	–				
Spain	–	51	–	–	–	–	–	–	–	–
Sweden	1	–	–	1	–	3	–	–	–	–
Switzerland	21	24	27	44	16	2	–	–	–	17
TOTAL OTHER WESTERN EUROPE	57	105	27	56	29	11	11		13	30
EASTERN EUROPE:										
Czechoslovakia	6	–	14	5	5	5	–	11	6	3
Germany, People's Rep. of	10	32	–	26	51	50	48	47	53	60
Poland	255	93	112	59	52	25	-	-	-	-
U.S.S.R.	254	496	860	1 204	555	533	254	498	992	714
TOTAL EASTERN EUROPE	525	621	986	1 294	663	613	302	556	1 051	777
TOTAL EUROPE	1 271	1 290	1 585	1 988	1 500	977	645	1 132	1 392	1 100
AFRICA:										
Algeria	595	654	589	512	813	508	492	423	611	326
Libya	10	24	52	47	93	103	108	136	96	78
Mauritania	–	2	–	4	8	11	10	–	7	–
Mozambique	–	–	–	–	–	–	–	–	8	–
Tunisia	38	23	–	–	–	–	–	–	41	17
TOTAL AFRICA	643	703	641	563	914	622	610	559	763	421
MIDDLE EAST:										
Cyprus	–	–	–	–	–	7	–	9	10	–
Iraq	–	–	–	–	–	52	–	–	–	–
TOTAL MIDDLE EAST	–	–	–	–	–	59	–	9	10	–
ASIA:										
Bangladesh	5	–	–	–	–	–	–	–	–	–
China, People's Rep. of	–	–	–	–	–	–	–	–	–	15
Japan	–	48	32	77	60	61	18	79	94	118
Korea, South	–	–	–	–	–	–	–	20	53	–
TOTAL ASIA	5	48	32	77	60	61	18	99	147	133
WESTERN HEMISPHERE:										
Costa Rica	–	–	4	–	–	–	–	–	–	–
Cuba	25	34	44	59	52	59	63	58	64	47
United States	–	–	–	–	3	–	–	62	202	186
Venezuela	4	–	4	–	16	48	49	38	175	116
TOTAL WESTERN HEMISPHERE	29	34	52	59	71	107	112	158	441	349
GRAND TOTAL	1 948	2 075	2 310	2 687	2 545	1 826	1 385	1 957	2 753	2 003

* Portugal joined the EEC during 1985-86.
[1] Subject to revision.
Source: Canadian Grain Commission "Canada Grain Exports" for 1988-89.
All previous years – Statistics Canada "Grain Trade of Canada".

TABLE XV

CANADIAN BARLEY EXPORTS BY AREAS AND COUNTRIES
CROP YEARS 1979-80 TO 1988-89

Country	1979-80 000 tonnes	1980-81 000 tonnes	1981-82 000 tonnes	1982-83 000 tonnes	1983-84 000 tonnes	1984-85 000 tonnes	1985-86 000 tonnes	1986-87 000 tonnes	1987-88 000 tonnes	1988-89 [1] 000 tonnes
WESTERN EUROPE:										
EEC:										
Belgium and Luxembourg	–	–	121	481	708	–	–	–	15	–
France	–	–	–	–	22	–	–	–	–	–
Germany, Federal Republic	53	–	–	51	20	–	–	–	–	–
Italy	582	344	417	310	126	–	–	32	–	–
Malta	9	–	–	–	–	–	–	–	–	–
Netherlands	–	1	–	–	63	–	–	–	9	–
Portugal *							58	45	21	9
Spain	–	–	235	410	102	–	–	32	–	–
United Kingdom	24	10	3	–	–	2	–	–	–	–
TOTAL EEC	668	355	776	1 252	1 041	2	58	109	45	9
OTHER WESTERN EUROPE:										
Finland	–	–	111	–	–	–	–	–	–	–
Iceland	4	3	1	–	–	–	–	–	–	–
Portugal *	–	–	–	–	5	–				
TOTAL OTHER WESTERN EUROPE	4	3	112	–	5	–	–	–	–	–
EASTERN EUROPE:										
Bulgaria	–	–	–	–	–	–	180	–	–	–
Germany, People's Rep. of	–	–	103	600	1 123	798	571	467	260	176
Poland	383	147	–	–	105	–	–	–	–	–
Romania	–	–	–	–	67	–	87	284	–	–
U.S.S.R.	872	1 573	2 780	1 526	472	410	439	2 149	208	–
TOTAL EASTERN EUROPE	1 255	1 720	2 883	2 126	1 767	1 208	1 277	2 900	468	176
TOTAL EUROPE	1 927	2 078	3 771	3 378	2 813	1 210	1 335	3 009	513	185
AFRICA:										
Algeria	138	–	36	–	–	–	–	–	1	–
Arab Republic of Egypt	–	–	–	–	–	–	–	–	32	–
Morocco	–	–	4	–	–	–	–	–	–	–
TOTAL AFRICA	138	–	40	–	–	–	–	–	33	–
MIDDLE EAST:										
Cyprus	93	–	45	61	58	–	–	69	42	–
Iran	23	–	80	92	209	–	–	–	123	63
Iraq	59	–	–	101	197	135	–	–	111	115
Israel	239	124	209	252	256	187	145	198	65	53
Jordan	23	–	–	8	–	–	–	26	–	–
Kuwait	32	–	–	–	–	–	–	–	–	–
Lebanon	43	–	15	–	–	–	–	–	3	–
Saudi Arabia	57	–	89	–	31	–	899	1 941	1 678	1 091
Syria	103	–	–	–	98	–	–	–	17	–
Turkey	–	–	–	–	188	–	–	–	–	–
TOTAL MIDDLE EAST	672	124	438	514	1 037	322	1 044	2 234	2 039	1 322
ASIA:										
China, People's Rep. of	–	–	77	83	26	–	213	285	278	123
Japan	789	805	914	970	820	735	839	731	900	698
Korea, South	–	–	–	–	5	–	–	–	–	–
Malaysia	–	–	–	–	–	–	–	–	4	–
Philippines	–	–	–	–	–	–	–	13	100	–
Singapore	–	–	–	–	262	140	–	–	–	–
Taiwan	–	–	118	83	–	–	–	–	69	–
TOTAL ASIA	789	805	1 109	1 136	1 113	875	1 052	1 029	1 351	821

TABLE XV

CANADIAN BARLEY EXPORTS BY AREAS AND COUNTRIES (continued)
CROP YEARS 1979-80 TO 1988-89

Country	1979-80 000 tonnes	1980-81 000 tonnes	1981-82 000 tonnes	1982-83 000 tonnes	1983-84 000 tonnes	1984-85 000 tonnes	1985-86 000 tonnes	1986-87 000 tonnes	1987-88 000 tonnes	1988-89 [1] 000 tonnes
WESTERN HEMISPHERE:										
Chile	–	–	–	–	–	–	–	–	10	–
Colombia	91	47	86	101	115	–	–	90	80	40
Cuba	47	60	53	42	40	36	43	33	38	–
Ecuador	–	–	–	–	–	–	–	21	31	8
Mexico	–	–	–	22	63	83	22	–	–	22
Panama	–	–	–	–	–	–	–	–	3	–
Peru	29	11	23	16	13	–	–	–	–	6
United States	138	111	202	121	74	78	96	118	278	213
TOTAL WESTERN HEMISPHERE:	305	229	364	302	305	197	161	262	440	289
TOTAL BARLEY:	3 831	3 236	5 722	5 330	5 268	2 504	3 592	6 534	4 376	2 617
MALT (Barley Equivalent):	254	285	280	318	269	177	203	185	220	261
GRAND TOTAL:	4 085	3 521	6 002	5 648	5 537	2 781	3 795	6 719	4 596	2 878

* Portugal joined EEC during 1985-86.
[1] Subject to revision.

Source: Canadian Grain Commission "Canada Grain Exports" for 1988-89.
All previous years – Statistics Canada "Grain Trade of Canada".

TABLE XVI

CANADIAN OATS EXPORTS BY AREAS AND COUNTRIES

CROP YEARS 1979-80 TO 1988-89

Country	1979-80 000 tonnes	1980-81 000 tonnes	1981-82 000 tonnes	1982-83 000 tonnes	1983-84 000 tonnes	1984-85 000 tonnes	1985-86 000 tonnes	1986-87 000 tonnes	1987-88 000 tonnes	1988-89 [1] 000 tonnes
WESTERN EUROPE:										
EEC:										
Belgium and Luxembourg	–	–	–	–	–	–	–	7	15	–
Italy	14	–	–	–	–	–	–	–	–	–
Netherlands	12	–	–	3	–	–	–	6	2	–
TOTAL EEC	26	–	–	3	–	–	–	13	17	–
OTHER WESTERN EUROPE:										
Switzerland	–	–	–	3	–	–	–	–	–	–
TOTAL OTHER WESTERN EUROPE	–	–	–	3	–	–	–	–	–	–
EASTERN EUROPE:										
Poland	47	41	3	–	–	–	–	–	–	–
U.S.S.R.	–	–	16	–	–	–	–	–	–	28
TOTAL EASTERN EUROPE	47	41	19	–	–	–	–	–	–	28
TOTAL EUROPE	73	41	19	6	–	–	–	13	17	28
ASIA:										
Japan	–	–	–	2	3	–	3	7	9	8
TOTAL ASIA	–	–	–	2	3	–	3	7	9	8
WESTERN HEMISPHERE:										
Cuba	26	2	11	14	1	–	–	–	4	–
United States	2	–	17	82	117	18	40	235	248	667
Venezuela	–	1	–	–	–	–	–	–	–	–
TOTAL WESTERN HEMISPHERE	28	3	28	96	118	18	40	235	252	667
SUB-TOTALS: ALL COUNTRIES	101	44	47	104	121	18	43	255	278	703
SEED OATS:	1	1	3	–	1	–	–	1	3	15
OATMEAL AND ROLLED OATS (Oats Equivalent):	3	–	–	1	–	1	1	1	6	12
TOTALS: ALL COUNTRIES	105	45	50	105	122	19	44	257	287	730

[1] Subject to revision.

Source: Canadian Grain Commission "Canada Grain Exports" for 1988-89.
All previous years – Statistics Canada "Grain Trade of Canada".

TABLE XVII

OVERSEAS [1] CLEARANCES OF CANADIAN BULK GRAIN [2] BY PORT AREAS
CROP YEARS 1968-69 TO 1988-89

Crop Year	Atlantic Coast 000 tonnes	St. Lawrence 000 tonnes	Lakehead Direct [3] 000 tonnes	Churchill 000 tonnes	Pacific Coast 000 tonnes	Total 000 tonnes
1968-69	577	2 238	316	615	4 954	8 700
1969-70	882	4 495	239	598	5 090	11 304
1970-71	818	7 681	912	637	6 660	16 708
1971-72	940	8 968	1 070	667	7 947	19 592
1972-73	942	8 653	907	638	9 036	20 176
1973-74	594	6 473	497	462	6 494	14 520
1974-75	788	6 230	816	498	5 381	13 713
1975-76	865	8 437	555	518	6 535	16 910
1976-77	792	8 144	1 050	735	7 348	18 069
1977-78	806	9 234	930	692	8 439	20 101
1978-79	575	7 946	742	495	8 303	18 061
1979-80	801	9 844	1 267	523	9 144	21 579
1980-81	730	9 638	826	289	9 547	21 030
1981-82	862	11 909	954	438	11 625	25 788
1982-83	657	14 944	782	557	11 521	28 461
1983-84	760	14 376	1 306	621	12 507	29 570
1984-85	450	9 707	1 047	437	10 617	22 258
1985-86	616	9 040	724	391	12 150	22 921
1986-87	552	11 125	1 105	558	15 966	29 306
1987-88	582	10 668	1 204	569	17 009	30 032
1988-89 [4]	402	3 863	497	50	11 832	16 644

[1] To all countries except the U.S.A.
[2] Wheat (excluding bagged seed wheat), oats, barley, rye, flaxseed and canola.
[3] Includes shipments from ports along the Great Lakes.
[4] Subject to revision.

Source: Canadian Grain Commission "Canadian Grain Exports" for 1988-89.
All previous years – Statistics Canada "Grain Trade of Canada".

TABLE XVIII

WHEAT PRODUCTION IN THE MAJOR PRODUCING COUNTRIES
CROP YEARS 1974-75 TO 1988-89

Crop Year	Canada 000 tonnes	Argentina 000 tonnes	Australia 000 tonnes	United States 000 tonnes	EEC [1] 000 tonnes	China 000 tonnes
1974-75	13304	5970	11357	48496	52567	40865
1975-76	17081	8570	11982	57885	44987	45310
1976-77	23587	11000	11800	58480	46672	50385
1977-78	19858	5300	9370	55670	44312	41075
1978-79	21136	8100	18090	48322	55354	53840
1979-80	17196	8100	16188	58080	53160	62730
1980-81	19292	7780	10856	64798	61453	55210
1981-82	24803	8300	16360	75805	58006	59640
1982-83	26737	15000	8876	75250	64789	68420
1983-84	26505	13000	21903	65829	64011	81390
1984-85	21199	13600	18666	70618	82624	87820
1985-86	24252	8700	16167	66001	71248	85810
1986-87	31378	8858	16128	56925	71965	90300
1987-88	25950	8900	12442	57362	71522	87720
1988-89 [2]	15996	8080	14054	49320	75039	86360

Crop Year	India 000 tonnes	Turkey 000 tonnes	U.S.S.R. 000 tonnes	Pakistan 000 tonnes	Others 000 tonnes	Total 000 tonnes
1974-75	21778	11000	83913	7629	66921	363800
1975-76	24235	14750	66224	7673	60503	359200
1976-77	28846	16500	96882	8691	72157	425000
1977-78	29010	16650	92161	9144	63850	386400
1978-79	31749	16700	120936	8367	68406	451000
1979-80	35508	17500	90207	9950	60181	428800
1980-81	31564	16600	98182	10805	68760	445300
1981-82	36313	17000	81000	11475	65598	454300
1982-83	37452	17500	84300	11304	72472	482100
1983-84	42794	16438	77500	12414	72520	494304
1984-85	45476	17235	68600	10882	80860	517600
1985-86	44069	17032	78100	11703	81918	505000
1986-87	46885	19000	92300	13923	87138	534800
1987-88	45577	18932	83312	12200	88827	512744
1988-89 [2]	45096	18500	84500	12675	93415	503035

[1] Twelve Member States.
[2] Preliminary – subject to revision.
Source: For Canada – Statistics Canada.
United States – "Crop Production Summary", USDA, January 1990.
For all other countries – IWC "Word Wheat Statistics".

TABLE XIX

COARSE GRAIN [1] PRODUCTION IN THE MAJOR EXPORTING COUNTRIES [*]
CROP YEARS 1980-81 TO 1988-89

Country	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89 [3]
					(million of tonnes)				
Canada:									
Barley	11.4	13.7	14.1	10.2	10.3	12.4	14.6	14.0	10.2
Oats	2.9	3.2	3.7	2.8	2.7	2.7	3.3	3.0	3.0
Corn	5.7	6.7	6.5	5.9	7.0	7.0	5.9	7.0	5.4
Rye	0.5	0.9	0.9	0.8	0.7	0.6	0.6	0.5	0.3
Mixed Grain	1.6	1.5	1.5	1.2	1.3	1.4	1.1	1.1	0.9
Total	22.1	26.0	26.7	20.9	22.0	24.1	25.5	25.6	19.8
United States	198.3	246.6	250.7	137.1	237.7	274.9	252.8	215.9	149.6
Australia	5.2	6.7	3.9	9.4	8.6	7.9	6.8	7.2	6.7
Argentina	21.0	18.4	17.8	17.1	19.3	17.4	13.0	13.1	6.7
South Africa	15.3	8.8	4.5	5.1	9.0	8.9	7.9	7.9	12.4
Thailand	3.5	4.7	3.7	4.3	4.7	5.7	4.6	2.9	4.5
EEC-12	82.6	76.1	80.7	73.9	90.4	88.9	81.7	82.4	88.9
Eastern Europe	61.4	64.5	72.0	66.9	72.8	65.5	74.2	63.9	60.8
U.S.S.R.	80.5	72.0	91.8	101.9	90.5	100.0	105.9	113.7	97.5
Others	242.1	246.1	232.6	250.4	260.3	250.0	263.1	259.1	282.2
WORLD TOTAL	732.0	709.9	784.4	687.0	815.3	843.9	835.5	791.7	729.1

[*] Based on an October-September crop year for all countries except Canada, which is the August-July crop year.
[1] Includes corn, barley, oats, rye, sorghum, millet and mixed grains.
[3] Subject to revision.

Source: USDA "World Grain Situation and Outlook", December 1989.
For all countries except Canada – "Field Crop Reporting Series No. 8".

TABLE XX

WORLD COARSE GRAIN [1] EXPORTS [*]
CROP YEARS 1980-81 TO 1988-89

Country	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89 [2]
					(million of tonnes)				
Canada:									
Barley	3.2	5.7	5.3	5.3	2.6	3.6	6.5	4.4	2.6
Oats	–	–	0.1	0.1	–	–	0.3	0.3	0.7
Corn	1.1	1.3	0.5	0.4	0.6	0.5	0.1	0.4	–
Rye	0.4	0.5	0.3	0.7	0.4	0.3	0.2	0.2	0.1
Total	4.7	7.5	6.2	6.5	3.6	4.4	7.1	5.3	3.4
United States	69.5	58.4	54.0	55.0	55.4	36.4	47.5	53.5	61.2
Argentina	14.2	10.3	11.6	10.9	10.6	9.7	5.0	5.3	3.4
EEC [3]	5.6	4.0	4.2	4.3	8.5	8.1	6.7	8.5	11.8
Australia	2.3	3.1	1.0	5.5	6.4	5.0	3.1	2.5	2.2
South Africa	4.1	4.7	2.3	0.1	0.2	1.5	2.6	0.8	1.6
Thailand	2.4	3.5	2.3	3.3	3.5	4.0	2.8	0.8	1.4
Others	6.0	5.1	8.0	6.6	12.2	14.1	9.3	6.5	9.4
World TOTAL	108.8	96.6	89.6	93.0	100.4	83.2	84.1	83.2	94.4

[*] Based on an October-September crop year for all countries except Canada, which is the August-July crop year.
[1] Includes corn, barley, oats, rye, sorghum, millet and other grains.
[2] Subject to revision.
[3] Excluding intra-trade between member countries – Ten member countries through 1981-82 – Twelve members from 1982-83 forward.
Source: Canada Canadian Grain Commission "Canadian Grain Exports" for 1988-89.
All previous years – Statistics Canada "Grain Trade of Canada", August-July crop year.
United States and other countries – USDA "World Grain Situation and Outlook", November 1989.

TABLE XXI

WORLD IMPORTS OF COARSE GRAINS [1] [*]
CROP YEARS 1980-81 TO 1988-89

Country	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89 [2]
					(million of tonnes)				
EEC [3]	11.1	8.3	14.3	12.2	9.6	5.5	3.5	4.7	3.4
Other Western Europe	10.3	12.7	1.6	1.3	1.3	1.1	1.6	1.3	1.2
Eastern Europe	10.2	6.1	4.9	3.9	3.8	5.6	3.3	4.1	5.2
U.S.S.R.	23.5	20.4	11.0	11.9	27.3	13.6	10.8	10.7	22.1
Japan	18.6	17.9	18.7	20.7	20.7	21.5	22.1	22.4	21.5
Others	35.1	31.2	39.1	43.0	37.7	35.9	42.8	40.0	41.0
World TOTAL	108.8	96.6	89.6	93.0	100.4	83.2	84.1	83.2	94.4

[*] Based on an October-September crop year for all countries.
[1] Includes corn, barley, oats, rye, sorghum, millet and other grains.
[2] Subject to revision.
[3] Ten member countries through 1981-82 – Twelve members from 1982-83 forward.
Source: USDA "World Grain Situation and Outlook", November 1989.

TABLE XXII

EXPORTS OF WHEAT AND WHEAT FLOUR BY PRINCIPAL EXPORTERS
DISTRIBUTION BY QUANTITY AND PERCENTAGE OF WORLD TRADE TOTAL
JULY-JUNE CROP YEARS[1] 1969-70 TO 1988-89

Crop Year	Argentina 000 tonnes	Australia 000 tonnes	Canada 000 tonnes	United States 000 tonnes	EEC 000 tonnes	Others 000 tonnes	Total 000 tonnes
1969-70	2 108	7 250	9 380	16 792	7 167	8 695	51 392
	(4.1%)	(14.1%)	(18.3%)	(32.7%)	(13.9%)	(16.9%)	(100.0%)
1970-71	1 704	9 492	11 819	20 140	3 105	8 591	54 851
	(3.1%)	(17.3%)	(21.5%)	(36.7%)	(5.7%)	(15.7%)	(100.0%)
1971-72	1 328	8 736	13 684	16 901	4 656	7 191	52 496
	(2.5%)	(16.6%)	(26.1%)	(32.2%)	(8.9%)	(13.7%)	(100.0%)
1972-73	3 510	5 562	15 681	31 734	6 525	5 041	68 053
	(5.2%)	(8.2%)	(23.0%)	(46.6%)	(9.6%)	(7.4%)	(100.0%)
1973-74	1 106	5 509	11 436	31 273	5 467	8 184	62 975
	(1.8%)	(8.7%)	(18.1%)	(49.7%)	(8.7%)	(13.0%)	(100.0%)
1974-75	2 178	8 049	10 776	28 304	7 122	6 516	62 945
	(3.5%)	(12.8%)	(17.1%)	(45.0%)	(11.3%)	(10.3%)	(100.0%)
1975-76	3 111	8 072	12 334	31 669	7 729	3 953	66 868
	(4.6%)	(12.1%)	(18.4%)	(47.4%)	(11.6%)	(5.9%)	(100.0%)
1976-77	5 584	8 357	13 434	26 080	3 912	4 643	62 010
	(9.0%)	(13.5%)	(21.6%)	(42.1%)	(6.3%)	(7.5%)	(100.0%)
1977-78	2 670	11 144	16 030	31 538	4 479	6 677	72 538
	(3.7%)	(15.3%)	(22.1%)	(43.5%)	(6.2%)	(9.2%)	(100.0%)
1978-79	3 307	7 246	13 081	32 311	7 349	7 906	71 200
	(4.6%)	(10.2%)	(18.4%)	(45.4%)	(10.3%)	(11.1%)	(100.0%)
1979-80	4 748	15 364	15 886	37 198	10 271	4 063	87 530
	(5.4%)	(17.6%)	(18.1%)	(42.5%)	(11.7%)	(4.7%)	(100.0%)
1980-81	3 932	11 088	16 260	41 936	12 684	7 254	93 154
	(4.2%)	(11.9%)	(17.5%)	(45.0%)	(13.6%)	(7.8%)	(100.0%)
1981-82	4 281	11 405	18 445	48 776	13 990	3 984	100 881
	(4.2%)	(11.3%)	(18.3%)	(48.4%)	(13.9%)	(3.9%)	(100.0%)
1982-83	7 471	8 530	21 367	39 939	14 084	5 630	97 021
	(7.7%)	(8.8%)	(22.0%)	(41.2%)	(14.5%)	(5.8%)	(100.0%)
1983-84	9 637	11 554	21 764	38 860	15 040	4 642	101 497
	(9.5%)	(11.4%)	(21.4%)	(38.3%)	(14.8%)	(4.6%)	(100.0%)
1984-85	7 966	15 090	17 540	38 092	17 297	6 386	102 371
	(7.8%)	(14.7%)	(17.1%)	(37.2%)	(16.9%)	(6.3%)	(100.0%)
1985-86	6 197	16 014	17 683	25 000	14 414	5 148	84 456
	(7.3%)	(19.0%)	(20.9%)	(29.6%)	(17.1%)	(6.1%)	(100.0%)
1986-87	4 338	14 973	20 781	28 418	15 281	1 807	85 598
	(5.1%)	(17.5%)	(24.3%)	(33.2%)	(17.8%)	(2.1%)	(100.0%)
1987-88	3 814	12 215	23 514	43 429	14 700	8 128	105 800
	(3.6%)	(11.5%)	(22.2%)	(41.0%)	(13.9%)	(7.8%)	(100.0%)
1988-89[2]	3 181	10 805	12 404	37 833	19 400	13 577	97 200
	(3.3%)	(11.1%)	(12.8%)	(38.9%)	(20.0%)	(13.9%)	(100.0%)

[1] Canada: August-July.
[2] Preliminary – subject to revision.

Source: Statistics Canada "Grain Trade of Canada" and Canadian Grain Commission "Canadian Grain Exports". Does not include bagged seed exports.
USDA "Wheat Situation 1969-70 to 1974-75, "World Grain Situation and Outlook" 1975-76 to 1988-89.
For all other countries – IWC "World Wheat Statistics" 1987 and "Record of Operations" for 1987-88 and 1988-89.

TABLE XXIII

IMPORTS OF WHEAT AND WHEAT FLOUR INTO SELECTED COUNTRIES FROM ALL SOURCES
JULY-JUNE CROP YEARS 1969-70 TO 1988-89

Crop Year	Algeria 000 tonnes	Arab Republic of Egypt 000 tonnes	Bangladesh 000 tonnes	Brazil 000 tonnes	China 000 tonnes	Italy 000 tonnes
1969-70	259	2 220	n/a	2 081	5 040	1 290
1970-71	646	2 835	n/a	1 855	3 660	1 440
1971-72	885	2 591	690	1 475	2 967	1 379
1972-73	645	3 040	2 176	2 950	5 289	1 211
1973-74	1 600	3 180	1 750	2 440	5 831	3 088
1974-75	1 762	3 489	2 057	1 663	5 675	1 636
1975-76	1 593	3 588	1 050	3 755	2 287	1 910
1976-77	1 338	3 956	765	3 504	3 156	2 428
1977-78	1 705	4 637	1 183	3 382	8 635	4 185
1978-79	1 006	5 541	1 221	3 739	1 969	1 242
1979-80	1 986	5 156	2 171	4 868	8 680	1 294
1980-81	1 824	6 755	659	3 855	13 775	1 914
1981-82	2 294	6 012	1 165	4 589	13 223	1 552
1982-83	2 064	6 188	1 564	3 879	12 963	1 190
1983-84	2 365	7 331	1 632	4 320	9 786	1 370
1984-85	2 164	6 819	2 189	4 934	7 429	515
1985-86	2 395	6 773	1 460	2 445	6 930	672
1986-87	2 341	7 102	1 622	2 879	8 722	1 268
1987-88	2 951	6 426	1 547	2 023	14 799	806
1988-89 [1]	2 130	6 960	1 920	772	13 956	788

Crop Year	Japan 000 tonnes	Netherlands 000 tonnes	Poland 000 tonnes	Republic of Korea 000 tonnes	United Kingdom 000 tonnes	U.S.S.R. 000 tonnes
1969-70	4 425	1 618	1 195	1 673	4 781	1 105
1970-71	4 834	1 310	1 972	1 752	5 359	315
1971-72	4 965	1 482	1 553	1 784	3 829	3 409
1972-73	5 486	2 049	1 000	1 736	4 535	15 000
1973-74	5 353	1 526	1 758	1 627	3 114	4 389
1974-75	5 404	1 684	1 234	1 703	2 935	2 934
1975-76	5 923	2 152	2 061	1 493	4 264	10 096
1976-77	5 522	1 401	2 885	1 832	3 422	4 559
1977-78	5 690	1 499	2 470	1 786	3 841	6 340
1978-79	5 584	1 218	2 323	1 702	1 491	5 024
1979-80	5 571	1 001	3 827	1 813	1 695	11 686
1980-81	5 930	1 055	3 877	2 072	1 380	14 911
1981-82	5 637	1 025	3 818	1 907	1 544	19 645
1982-83	5 597	579	2 899	1 804	1 119	20 140
1983-84	5 901	663	2 025	2 510	1 016	20 560
1984-85	5 748	518	2 057	3 043	716	28 156
1985-86	5 485	511	1 643	3 006	802	15 301
1986-87	5 576	265	1 865	3 919	622	15 244
1987-88	5 671	84	1 651	3 331	422	18 917
1988-89 [1]	5 374	101	506	2 296	464	10 318

[1] Preliminary – subject to revision.
Source: IWC "World Wheat Statistics" 1987 and "Record of Operations" for 1987-88 and 1988-89.

TABLE XXIV

SCHEDULE FOR CANADIAN WHEAT BOARD PAYMENTS
FOR NO. 1 CANADA WESTERN RED SPRING WHEAT[1]
BASIS IN STORE THUNDER BAY OR VANCOUVER
POOL ACCOUNT YEARS 1965-66 TO 1989-90

Pool Account	Initial Payment $ per tonne	Adjustment Payment $ per tonne	Interim Payment $ per tonne	Final Payment[2] $ per tonne	Final Realized Price $ per tonne
1965-66	55.12	–	–	18.26	73.38
1966-67	55.12	–	–	17.89	73.01
1967-68	62.46	–	–	4.19	66.65
1968-69	62.46	–	–	–	62.46
1969-70	55.12	–	2.68[3]	3.93[4]	61.73
1970-71	55.12	–	–	6.28	61.40
1971-72	53.65	–	–	4.99	58.64
1972-73	53.65	11.02	–	14.47	79.14
1973-74	82.67	55.12	–	30.42	168.21
1974-75	82.67	55.12	–	26.60	164.39
1975-76	82.67	55.12	–	8.49	146.28
1976-77	110.23	–	–	6.92	117.15
1977-78	110.23	–	–	10.07	120.30
1978-79	110.23	18.37	–	31.93	160.53
1979-80	128.60	27.56	–	40.27	196.43
1980-81[5]	156.16	40.34	–	25.62	222.12
1981-82	174.50	–	–	25.12	199.62
1982-83	174.50	–	–	17.84	192.34
1983-84	170.00	–	–	23.98	193.98
1984-85	170.00	–	–	16.37	186.37
1985-86	160.00	–	–	–	160.00
1986-87	130.00	–	–	–	130.00
1987-88	110.00	10.00	–	14.02	134.02
1988-89	150.00	20.00	15.00	12.14	197.14
1989-90	155.00	10.00			

[1] Base grade prior to 1971-72 was No. 1 Northern Wheat.
[2] Final payment and final realized price after deduction of Board operating costs, but prior to deduction of P.F.A.A. Levy for years 1965-66 through 1969-70.
[3] Payment from Pool Account prior to payment from Temporary Wheat Reserves Act, in 1969-70 only.
[4] Payment from Temporary Wheat Reserves Act.
[5] Crop years 1980-81 forward do not quote No. 1 CWRS 13% protein payment.

TABLE XXV

SCHEDULE FOR CANADIAN WHEAT BOARD PAYMENTS
FOR NO. 1 CANADA WESTERN AMBER DURUM
BASIS IN STORE THUNDER BAY OR VANCOUVER
POOL ACCOUNT YEARS 1978-79 TO 1989-90

Pool Account	Initial Payment $ per tonne	Adjustment Payment $ per tonne	Final Payment [1] $ per tonne	Final Realized Price [1] $ per tonne
1978-79	110.23	18.37	20.33	148.93
1979-80	128.60	36.75	39.50	204.85
1980-81	183.72	55.28	.58	239.58
1981-82	174.50	–	25.84	200.34
1982-83	174.50	–	12.95	187.45
1983-84	165.00	15.00	24.04	204.04
1984-85	180.00	–	24.85	204.85
1985-86	160.00	–	21.30	181.30
1986-87	130.00	–	20.20	150.20
1987-88	110.00	15.00	44.36	169.36
1988-89	175.00	15.00	14.48	204.48
1989-90	150.00	10.00		

[1] Final payment and final realized price after deduction of Board operating costs.

TABLE XXVI

SCHEDULE FOR CANADIAN WHEAT BOARD PAYMENTS
FOR NO. 3 CANADA WESTERN OATS[3]
BASIS IN STORE THUNDER BAY
POOL ACCOUNT YEARS 1975-76 TO 1988-89

Pool Account	Initial Payment $ per tonne	Adjustment Payment $ per tonne	Final Payment [1] $ per tonne	Final Realized Price [1] $ per tonne
1975-76	68.08	6.48	30.88	105.44
1976-77	74.57	–	9.58	84.15
1977-78	74.57	–	–	74.57
1978-79	74.00	–	11.41	85.41
1979-80	68.08	–	–	68.08
1980-81	68.08	20.00	37.31	125.39
1981-82	110.00	–	–	110.00
1982-83	90.00	–	9.53	99.53
1983-84	75.00	25.00	6.61	106.61
1984-85	100.00	–	12.31	112.31
1985-86	100.00	–	–	100.00
1986-87	75.00	–	18.27	93.27
1987-88	55.00	35.00 [2]	34.04	124.04
1988-89	160.00	–	–	160.00

[1] Final payment and final realized price after deduction of Board operating costs.
[2] Represents an adjustment of $25.00 a tonne in October 1987 and an additional $10.00 a tonne in April 1988.
[3] Base grade prior to 1988-89 was No. 1 Feed Oats.

TABLE XXVII

SCHEDULE FOR CANADIAN WHEAT BOARD PAYMENTS
FOR NO. 1 CANADA WESTERN DESIGNATED OATS
BASIS IN STORE THUNDER BAY
POOL ACCOUNT YEARS 1981-82 TO 1988-89

Pool Account	Initial Payment $ per tonne	Adjustment Payment $ per tonne	Final Payment [1] $ per tonne	Final Realized Price [1] $ per tonne
1981-82	140.00	–	30.39	170.39
1982-83	140.00	–	10.30	150.30
1983-84	125.00	15.00	16.83	156.83
1984-85	140.00	–	20.75	160.75
1985-86	130.00	–	20.25	150.25
1986-87	130.00	–	2.58	132.58
1987-88	100.00	25.00	18.59	143.59
1988-89	195.00	–	18.90	213.90

[1] Final payment and final realized price after deduction of Board operating costs.

TABLE XXVIII

SCHEDULE FOR CANADIAN WHEAT BOARD PAYMENTS
FOR NO. 1 CANADA WESTERN BARLEY [2]
BASIS IN STORE THUNDER BAY
POOL ACCOUNT YEARS 1975-76 TO 1989-90

Pool Account	Initial Payment $ per tonne	Adjustment Payment $ per tonne	Final Payment [1] $ per tonne	Final Realized Price [1] $ per tonne
1975-76	73.49	13.78	16.79	104.06
1976-77	80.38	–	11.12	91.50
1977-78	80.38	–	8.01	88.39
1978-79	76.00	3.67	11.41	91.08
1979-80	80.38	9.19	17.90	107.47
1980-81	124.01	6.99	15.55	146.55
1981-82	124.00	–	7.07	131.07
1982-83	110.00	–	–	110.00
1983-84	95.00	15.00	28.02	138.02
1984-85	110.00	15.00	6.30	131.30
1985-86	110.00	–	–	110.00
1986-87	80.00	–	–	80.00
1987-88	60.00	5.00	9.08	74.08
1988-89	120.00	–	4.23	124.23
1989-90	85.00	15.00		

[1] Final payment and final realized price after deduction of Board operating costs.
[2] Base grade prior to 1986-87 was No. 1 Feed Barley.

TABLE XXIX

DESIGNATED BARLEY SCHEDULE OF PAYMENT
FOR CANADA WESTERN 6-ROW [2] BARLEY
BASIS IN STORE THUNDER BAY
POOL ACCOUNT YEARS 1975-76 TO 1989-90

Pool Account	Initial Payment $ per tonne	Adjustment Payment $ per tonne	Interim Payment $ per tonne	Final Payment [1] $ per tonne	Final Realized Price [1] $ per tonne
1975-76	75.78	13.78	–	71.42	160.98
1976-77	105.64	–	–	42.95	148.59
1977-78	98.75	–	–	8.43	107.18
1978-79	98.75	–	–	20.76	119.51
1979-80	98.75	34.45	–	34.54	167.74
1980-81	133.20	34.80	–	39.30	207.30
1981-82	158.00	–	–	27.79	185.79
1982-83	158.00	–	–	5.38	163.38
1983-84	140.00	–	–	28.09	168.09
1984-85	140.00	15.00	–	33.94	188.94
1985-86	155.00	–	–	28.39	183.39
1986-87	150.00	–	–	–	150.00
1987-88	100.00	20.00	–	23.17	143.17
1988-89	175.00	–	15.00	21.60	211.60
1989-90	100.00	55.00			

[1] Final payment and final realized price after deduction of Board operating costs.
[2] Base grade prior to 1986-87 was No. 2 Canada Western 6-Row.

TABLE XXX

EXPORT PRICES FOR THE MAJOR EXPORTING COUNTRIES
JULY-JUNE CROP YEARS 1977-78 TO 1988-89

Crop Year	CANADA [1] St. Lawrence 1 CWRS 13.5% Cdn. $ per tonne	CANADA [1] Pacific Coast 1 CWRS 13.5% Cdn. $ per tonne	UNITED STATES Pacific Coast 1 CWRS 13.5% U.S. $ per tonne	UNITED STATES Pacific Coast DNS 14% U.S. $ per tonne	UNITED STATES Gulf Coast HWO U.S. $ per tonne
1977-78	147.00	151.00	137.00	129.00	116.00
1978-79	185.00	191.00	164.00	151.00	141.00
1979-80	231.00	236.00	202.00	186.00	174.00
1980-81	264.00	272.00	230.00	210.00	182.00
1981-82	238.00	244.00	201.00	184.00	171.00
1982-83	229.00	235.00	190.00	174.00	159.00
1983-84	238.00	242.00	193.00	178.00	154.00
1984-85	237.00	252.00	188.00	170.00	148.00
1985-86	252.00	249.00	180.00	161.00	128.00
1986-87	188.00	201.00	148.00	126.00	110.00
1987-88	145.00	210.64	164.37	137.47	123.69
1988-89					
July	253.00	269.00	223.00	186.97	151.67
August	253.00	275.00	224.00	186.34	150.86
September	250.00	279.00	228.00	185.01	160.61
October	246.00	272.00	226.00	185.81	162.59
November	246.00	273.00	225.00	185.50	164.29
December	249.00	269.00	225.00	185.10	167.45
January	256.00	272.00	228.00	185.62	174.99
February	254.00	269.00	227.00	185.38	172.43
March	253.00	273.00	229.00	186.33	177.25
April	248.00	268.00	225.00	183.72	175.52
May	251.00	268.00	225.00	186.58	176.85
June	246.00	250.00	209.00	181.77	169.33

Crop Year	AUSTALIA ASW U.S. $ per tonne	ARGENTINA Trigo Pan U.S. $ per tonne	EEC Standard Wheat Specified Zones U.S. $ per tonne
1977-78	119.00	116.00	97.00
1978-79	142.00	132.00	133.00
1979-80	169.00	192.00	171.00
1980-81	181.00	204.00	170.00
1981-82	165.00	178.00	150.00
1982-83	164.00	148.00	132.00
1983-84	154.00	137.00	146.00
1984-85	150.00	125.00	131.00
1985-86	133.00	102.00	111.00
1986-87	110.00	84.00	83.00
1987-88	124.75	103.00	n/a
1988-89			
July	153.30	139.75	130.00
August	158.00	145.00	130.00
September	164.50	151.25	142.25
October	169.25	150.50	149.00
November	169.88	151.25	139.00
December	173.20	153.00	146.33
January	179.50	162.33	155.00
February	176.75	151.75	144.00
March	182.20	158.00	153.50
April	180.50	n/a	165.00
May	183.00	n/a	160.00
June	177.30	n/a	n/a

[1] Canadian Wheat Board official "in store" prices converted to f.o.b. at current lobbing rates – Australian Wheat Board selling price (f.o.b.) Australian Standard Wheat.
Source: International Wheat Council and Canadian Wheat Board for 1988-89 Canadian prices.

TABLE XXXI
SCHEDULE OF TOTAL NUMBER OF CANADIAN WHEAT BOARD DELIVERY PERMITS ISSUED TO PRODUCERS
CROP YEARS 1963-64 TO 1988-89

Crop Year	Manitoba	Saskatchewan	Alberta and British Columbia	Total
1963-64	39,471	100,202	75,206	214,879
1964-65	39,027	98,028	73,888	210,943
1965-66	38,013	95,541	71,632	205,186
1966-67	36,258	92,302	69,494	198,054
1967-68	35,107	89,761	67,189	192,057
1968-69	35,332	88,304	66,970	190,606
1969-70	35,203	88,378	66,423	190,004
1970-71	33,602	85,453	63,654	182,709
1971-72	33,124	82,876	60,886	176,886
1972-73	31,963	80,706	58,943	171,612
1973-74	31,042	78,775	56,654	166,471
1974-75	29,348	77,098	53,262	159,708
1975-76	29,326	76,101	52,689	158,116
1976-77	28,579	75,440	52,638	156,657
1977-78	28,283	74,630	50,834	153,747
1978-79	27,545	73,803	50,199	151,547
1979-80	26,366	72,400	48,891	147,657
1980-81	25,784	71,400	48,464	145,648
1981-82	25,829	71,533	48,655	146,017
1982-83	25,741	71,404	48,588	145,733
1983-84	25,586	71,505	48,378	145,469
1984-85	25,180	70,778	47,605	143,563
1985-86	24,914	70,679	47,730	143,323
1986-87	24,600	70,785	48,043	143,428
1987-88	25,271	70,686	48,280	144,237
1988-89	24,810	70,014	48,417	143,241